Medical College of Georgia

Catalog 1972-73

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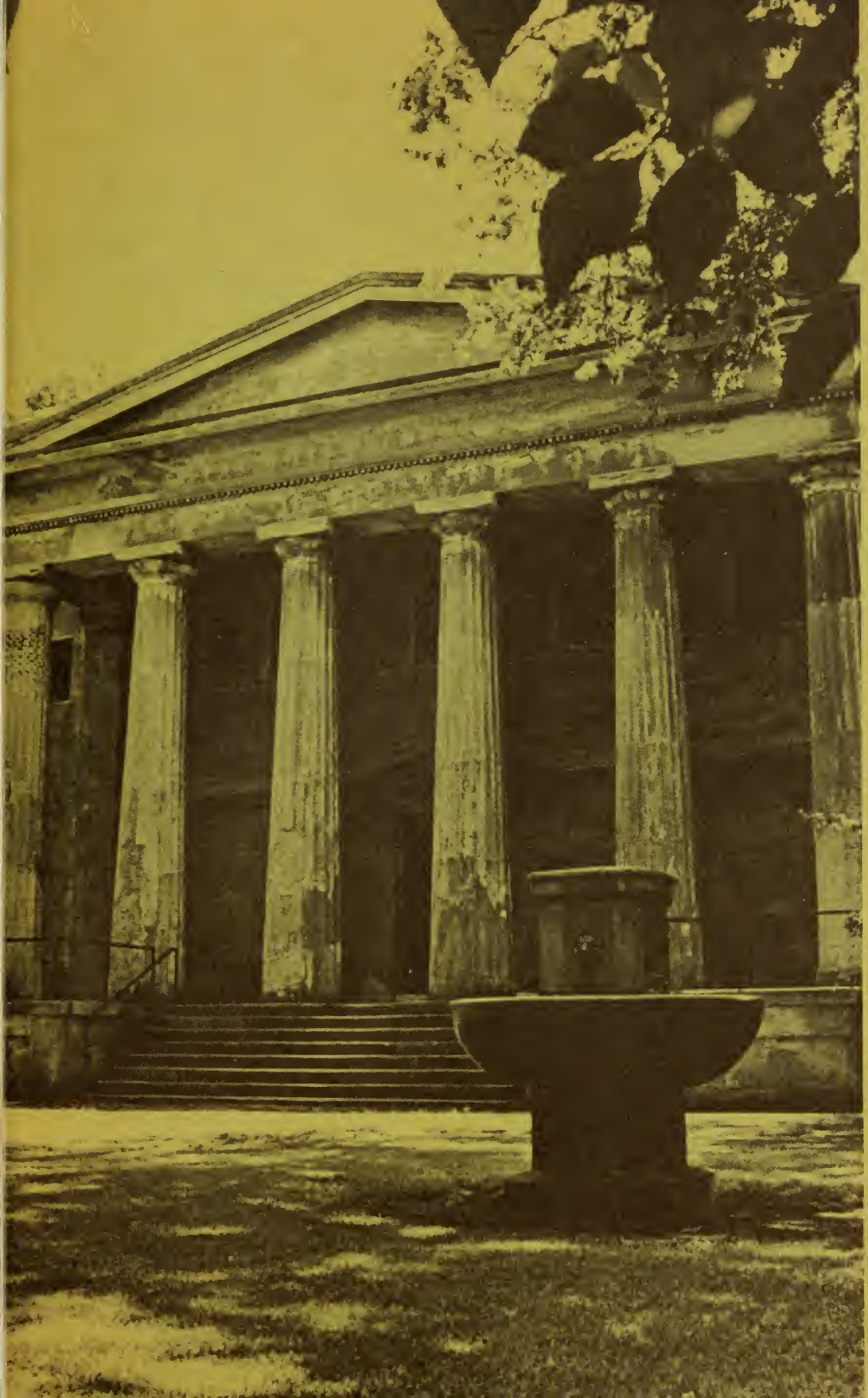

General Information

A Guide for the Reader

This catalog represents a compendium of all the educational and training programs offered at the Medical College of Georgia. The catalog is divided into sections beginning with general information about the College, then a section on each of the various schools and programs.

The reader is urged to first examine the General Information Section, since much of the material is applicable to all the College's programs and therefore not repeated in the separate sections which follow.

An example is the information on housing, on classification of non-resident students and other information which applies uniformly throughout the College.

No attempt is made to provide an exhaustive, page-by-page listing of contents. Since each section follows a fairly standardized format and is divided by various subheadings, the table of contents is designed only to provide a general reference guide.

There is an alphabetical listing of the faculty in the final section of the book. Also included is a listing of Faculty by Schools and Departments.

"All matriculation charges, board, room rent or other charges listed in this catalog are subject to change at the end of any quarter."

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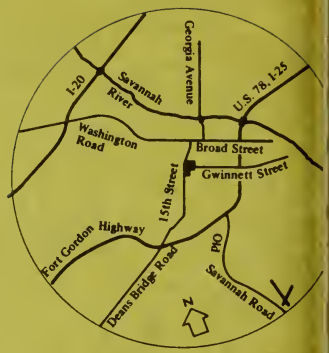
Augusta/MCG Vicinity



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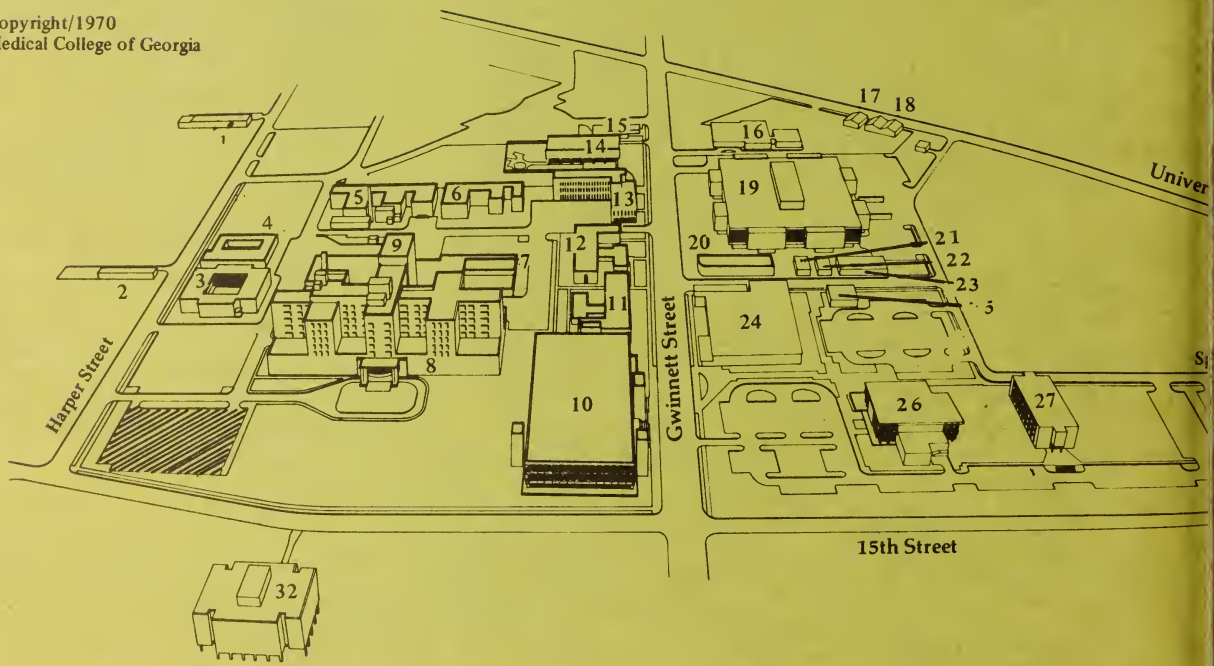


Map Key

1 Marks Building

2 Perkins Building

3 Residence III

4 School of Nursing

5 Dugas Building

6 Murphey Building

7 Educational Building

8 Hospital & Clinics

9 Research Wing

10 School of Dentistry

11 Residence I

12 Residence II

13 Administration Building

14 Library

15 Protein Chemistry Laboratories

16 Endocrinology and Dermatology Building

17 Construction and Research No. 1 (Temporary)

18 Construction and Research No. 2 (Temporary)

19 Research and Education Building

20 Rinker Building

21 Classrooms, Laboratory (Temporary)

22 Dental Clinics (Temporary)

23 Pediatric Health Clinic

24 Offices and Clinics

25 Administrative Annex (Personnel)

26 Student Center

27 Residence IV

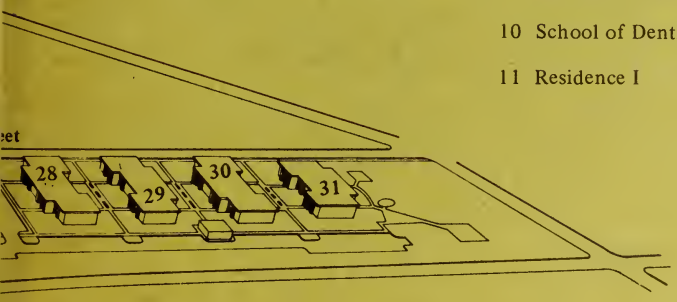
28 Residence V-A

29 Residence V-B

30 Residence V-C

31 Residence V-D

32 Veterans Service Nursing Home



A History of the Medical College of Georgia

The College, founded in 1828 as a Medical Academy authorized to grant the Bachelor of Medicine degree, was Georgia's first school of medicine. It is the 21st oldest among existing U. S. medical schools. Today, MCG remains the State's primary facility for the education of health professionals, and serves the State and region as a health sciences university.

The original charter for the institution was obtained from the General Assembly of Georgia in 1822, following efforts of a group of physicians in the Medical Society of Augusta. Among the leaders of this group were Drs. Milton Antony and Joseph Adams Eve. These two founding physicians had begun teaching apprentices in 1826, in two rooms of the old Augusta City Hospital.

The Charter of 1828 was altered in 1829 to allow the conferring of the Doctor of Medicine degree, and the name of the Academy was changed to Medical Institute of Georgia. In 1833, at the institution's first commencement exercises, four students received degrees. The same year, the name of the institution was changed again, this time to Medical College of Georgia.

In 1835, students and faculty of the Medical College moved from City Hospital into a new building at the corner of Telfair and Sixth Streets in Augusta. This columned, Greek Revival structure still stands, though long-outgrown by its first tenants. It is used today as headquarters for the Augusta Council of Garden Clubs.

The College operated practically as usual until the eve of the Civil War. Lectures were concluded early in 1861, following secession of Georgia from the Union, and 35 candidates were graduated — presumably to take part in the four-years-long conflict between the states.

The College had little history as an institution during the Civil War, and did not resume regular lectures until November 6, 1865. Forty-seven students, most of whom were war veterans, enrolled that winter.

Another name change came to the institution in 1873, when the College was joined with the University of Georgia and became known as the Medical Department of the University.

In 1931 a University System of Georgia with a Board of Regents was organized as a constitutional entity in Georgia, bringing 26 State institutions of higher learning under central governance.

In 1950 the status of the medical school changed again and the name Medical College of Georgia was restored. Concurrently, MCG became a unit of the University System independent of the University of Georgia, with administrative authority delegated to the College President.

Since that time MCG has grown into more than a medical school. Now, in addition to the School of Medicine, the College operates a School of Graduate Studies, organized in 1951; a School of Nursing, transferred to Augusta from the University in 1956; a School of Allied Health Sciences, organized in 1968, and a School of Dentistry, which accepted its first students in 1969.

MCG is now a vital and growing institution, advancing along broad fronts to help meet the health care needs of nearly five million Georgians. The institution has a student body that is growing at a rapid rate, and a dedicated faculty undergoing commensurate growth.

Evidence of physical expansion is practically everywhere on campus, as is an academic atmosphere of high quality and deep intensity.

MCG has advanced considerably in its 144-year history; commitment is still strong to go even further.

The University System

The University System of Georgia was established in 1931 when control and operational authority over state-aided schools of higher learning were vested in the University System Board of Regents, a constitutional body appointed by the Governor and approved by the Senate. There are fifteen Regents, all serving terms of seven years. Members of the Board are appointed from each of the state's Congressional Districts and the remainder from the state-at-large. The Regents select their own officers and appoint a chancellor as chief administrator of the University System. The system consists of 27 institutions including the Medical College of Georgia.

Degrees Offered

The following degrees and certificates are granted by the College through its schools:

School of Medicine
The Doctor of Medicine degree.

School of Dentistry
The Doctor of Dental Medicine degree.

School of Graduate Studies
The Doctor of Philosophy degree, the Master of Science degree and the Master of Science in Medical Illustration degree.

School of Nursing
The Bachelor of Science in Nursing degree and the Master of Science in Nursing degree.

School of Allied Health Sciences:

Dental Hygiene — Bachelor of Science degree.

Medical Illustration — Bachelor of Science degree.

Medical Record Science — Bachelor of Science degree.

Medical Technology — Bachelor of Science Degree.

Occupational Therapy — Bachelor of Science Degree.

Physical Therapy — Bachelor of Science Degree.

Radiologic Technology — Bachelor of Science degree and Certificate.

Facilities for Instruction

The College campus, situated in the approximate center of Augusta, is convenient to the downtown business district. The locations of the College's various facilities are shown on the campus map.

Administration Building.
First floor: offices of President, Vice President, Dean of Medicine, Dean of Graduate Studies, Registrar, Comptroller, Research Coordinator, Alumni Association, Vice-president and Treasurer, Director of Institutional Relations, Director of Business Services and Student Affairs personnel.

Buildings which, for the most part, are used for classroom and laboratory training are: Murphey Building, Dugas Building, Educational Building annex to teaching hospital, School of Dentistry and the Research and Education Building. The latter two are new structures opened for use in 1971. The Research and Education Building is one of the largest structures in the University System. It houses instructional space for the first two years of Medicine and Dentistry. Also in the building are faculty offices and research areas. The School of Dentistry Building houses dental clinical training areas, laboratories, radiology, and faculty offices.

The Student Center.
The student center, constructed in 1967, houses the cafeteria, snack bar, book store, Student Affairs offices, and recreational facilities for students.

Housing.
There are three residence halls for students. Married student housing is also available. Details about these facilities are in the **Student Handbook.**

Other facilities are:

Library.
The Library, a section of the Division of Health Communications, is housed in a modern two-story building, completed in 1965. Each floor has open stacks and reading areas. On the second floor there are also individual carrels; small-group study rooms; two large conference rooms; a coin-operated photocopy machine for student use; and the newest addition — an audio-visual viewing room equipped with a wide variety of audio-visual formats. Approximately 1,400 periodicals and other serials are received annually and the holdings consist of more than 80,000 books and bound journals. An active inter-library loan service is maintained. To expedite this, a TWX teletype system is available.

Eugene Talmadge Memorial Hospital.
The hospital is an integral part of the Medical College, contributing teaching and clinical research facilities for both faculty and students. It contains approximately 450 active teaching beds with supporting x-ray, laboratory, physical medicine, surgery and dietary facilities.

The clinical, teaching and research facilities are utilized for the benefit of students in Medicine, Nursing, Medical Record Science, Medical Technology, Medical Illustration, Physical Therapy, Occupational Therapy, Radiologic Technology and in the sciences basic to medicine and dentistry.

Clinical Research Annex.
A ten-floor annex to the teaching hospital, containing special laboratories for research.

Animal Care Facility.
A modern building complex located south of Augusta for housing and care of all species of animals used for teaching and research at the Medical College.

University Hospital.
A city-county hospital with a long tradition of medical education, this is an excellent facility currently being utilized for medical student education in required clerkships and elective courses. As an integral member of the College Affiliated Hospitals Programs, the University Hospital is utilized for house staff training in internal medicine, pediatrics, surgery and obstetrics and gynecology. A nucleus of full time faculty at University Hospital working closely with the private physicians of the community and with the staff of the Eugene Talmadge Memorial Hospital provides the supervision and teaching of medical students and house staff at University Hospital.

Veterans Administration Hospital.
As an integral member of the College Affiliated Hospitals Programs, the Veterans Administration Hospital serves as an excellent facility for medical education of students and house staff. An important and enlarging component of the full time faculty situated at the Veterans Administration Hospital supervises patient care and the education of house staff, as well as the education of medical students in required clerkships and elective programs.

Gracewood State School and Hospital.
The facilities and patients of this state institution are available for clerkships and clinical demonstrations of neurologic, biochemical, and genetic disorders. It is located on the outskirts of Augusta.

Outpatient Department.
An outpatient service, maintained at University Hospital for indigent patients of Richmond County, is staffed by the College. In addition, specialty outpatient services are scheduled.

Georgia Regional Hospital at Augusta.
A state hospital which participates in the psychiatric training program.

Augusta-Richmond County Health Department.
Located adjacent to the campus, it contributes to the teaching programs in public health, pediatrics and obstetrics.

Memorial Hospital, Savannah, Ga.
A hospital which participates in the thoracic surgery resident training program.

Admission Requirements

Admission requirements and application procedures, including information pertaining to application forms, physical examinations, personal interviews, and pre-entrance testing, are listed within the individual program descriptions.

The College is an equal educational opportunity institution in that no person shall, on the ground of race, color, creed, or national origin, be excluded from participation in, or be otherwise subjected to discrimination in any educational program, activity or facility.

Transfer Credit

Courses and credits transferable to an undergraduate curriculum from other colleges or universities must have an over-all grade average acceptable to the College, but in no case less than a "C". College credit will not be allowed for such courses as Remedial Mathematics, or others basically of secondary school level.

A student transferring into professional curricula from non-collegiate institutions shall be required to have professional course work validated by standardized examinations in order to gain advanced standing and receive college credit for such course work. An application for the School of Medicine will not be considered from a student who is not in good standing at the institution he has attended previously.

An applicant who wishes to transfer to the College should have transcripts of all course work from all institutions submitted by Registrars at institutions formerly attended, and in accordance with instructions sent with application materials. Transcripts sent by a student, or unofficial transcript (unsealed or unsigned) will not be accepted.

Correspondence courses are discouraged. Not more than one-fourth of the courses for degree requirements may consist of correspondence or extension courses.

Any credit which is more than ten years old is subject to validation to the satisfaction of the Dean of the particular School.

Credits from unaccredited institutions are subject to validation to the satisfaction of the Dean of the particular School.

Academic Regulations

Units of Credit

The unit of credit is the quarter hour. A quarter hour equals one hour of class work per week for one quarter, or its equivalent in other forms of instruction.

Classification of Students

The classification under which a student registers at the beginning of the academic year will continue throughout the academic year.

Grades

Grades for the various schools are given in the school's Catalog section.

Grade Changes

Any grade changes due to errors in reporting must be brought to the attention of the Registrar's office within three months of the time reported.

Incomplete grades which have not been made up will be changed to failure grades after one quarter. Request for exception to this rule must be submitted in writing to the Registrar's office, with signed approval of instructor and Dean.

Registration

Registration must be completed on the dates outlined in the academic calendar. The procedure for registration will be outlined for the accepted applicant by the Registrar on the registration dates indicated.

The academic program of each student is planned in consultation with his academic advisor or major professor.

Auditors

Regularly enrolled Medical College students may register for courses as auditors. No academic credit shall be awarded to students enrolled on this basis. After the last day for registration, no changes from an audit basis to credit or from credit to audit will be permitted.

Attendance

Regular and punctual attendance is expected of students in all classes, and is counted from the first class meeting each term. Students who incur an excessive number of absences are subject to penalty.

Forfeiture of Credit

By registering for a course for which he already has received credit by transfer or residence work, a student forfeits credit in the previous course. The final grade will be the grade on the repeated course.

Changes in Course Schedules

Changes in a student's schedule of courses may be made only with the approval of the Dean or Director, and the Registrar. Additions to a student's course schedule will not be allowed after the deadline set forth in the calendar. A course may be dropped without penalty up to the dates set forth in the calendar (usually mid-term), but after this time he will receive either a WP (withdrew passing) or a WF (withdrew failing). WF grades will be treated as failures for grade point calculations.

Discipline

Student discipline at the College is the responsibility of the President and his administrative staff. Students will be expected to act in a manner of credit to themselves and to the institution as outlined in the **Student Handbook** section on "Student Judiciary Procedures."

Appeals Procedure

When an applicant for admission shall feel that his application has not been given due consideration or when a student shall be expelled or suspended, the applicant or student shall have the right to appeal in accordance with the following procedure:

He shall appeal in writing to the President of the institution within five days after the action of which he complains. The President shall appoint a committee to review all facts and circumstances and shall within fifteen days make a decision which shall be final so far as the institution is concerned.

Should the aggrieved person be dissatisfied with this decision, he shall have the right to appeal in writing to the Board of Regents. An appeal to the Board of Regents shall be submitted in writing to the Executive Secretary of the Board within ten days after the President's decision and shall recite all reasons for dissatisfaction with the previous decision. After thorough investigation, the Board shall make its decision within sixty days. The Board's decision shall be final and binding for all purposes.

Noncontinous Matriculation

Normally a student may be permitted to graduate under academic provisions of the catalog in effect at the time of his first matriculation. A student may choose to graduate under the provisions of a subsequent catalog. If he does so choose, he must meet all the provisions of the subsequent catalog. A student who returns to one of the undergraduate programs, or to the School of Graduate Studies, after an absence of two or more years will be required to meet the degree provisions of the catalog current on his return, along with such other regulations as may be in effect at the time.

Normal Course Load

The normal course load may vary with the several degree programs. Students may be required to register for a course load less than the normal course load if this action is determined to be advisable in the light of the student's academic standing or for other reasons. A student who in any quarter registers for less than 12 quarter hours is considered a part-time student; a student who registers for at least 12 but less than 19 hours is considered a full-time student; a student who registers for 19 or more hours is considered to be carrying an overload. No student of the School of Graduate Studies, or the undergraduate curricula, may register without special approval from his Dean for more than 21 quarter hours (including audit courses) in any given academic quarter.

Withdrawal from the College

A student who wishes to withdraw must report to the Registrar to obtain and complete the Withdrawal Form. The official records of a student who does not officially withdraw from the institution will not be released until the appropriate withdrawal procedures have been completed.

Course Numbering System

The College offers courses numbered 100 to 299 to students in the Lower Division of undergraduate schools, and courses numbered 300 to 499 to students in the Upper Division of undergraduate schools.

In the School of Graduate Studies courses are numbered from 600 to 999. Certain courses are offered to undergraduate, graduate, and professional students jointly. Such courses are numbered appropriately for each class and degree program.

Requirements for Graduation

Additional requirements for graduation are outlined in later sections of this Catalog under the listings of the School of Medicine, School of Dentistry, School of Graduate Studies, School of Nursing, and School of Allied Health Sciences. However, the following apply to all baccalaureate programs offered by the College:

Recommendation by Faculty

It is implicit in the requirements for all degrees conferred by the College that the faculty of each school recommend each candidate for a degree as having met all requirements for the degree to be conferred.

Transfer Credit

A maximum of 95 academic quarter hours from a junior college, or 141 hours from a senior college or another educational institution may be transferred into an undergraduate program. See, "Scholarship and Promotion."

Residence

The minimum residence requirement for a baccalaureate degree is 45 quarter hours. A minimum of 180 quarter hours (excluding physical education) is required for a baccalaureate degree.

Examinations on the History and Constitutions of the United States and Georgia

Examinations on these subjects are required of all baccalaureate Degree students unless exempted by presentation of course credit dealing with these constitutions and histories. A student is advised to meet this requirement early in his academic career.

Physical Education Requirements

Candidates for undergraduate degrees will present a minimum of three (3) quarters of physical education credit for graduation.

Scholarship and Promotion

An undergraduate degree shall not be conferred to any person whose overall weighted grade point average (for courses in residence) is less than 2.00. Credit hours in courses with the grade of "D" shall not exceed 20 per cent of the total hours for any degree program. Individual curricula may establish higher standards for achievement, in which case, the higher standards shall apply.

Requirements for Degree

The candidate for an undergraduate degree must consult with the office of the Registrar and the Dean or Chairman of his program concerning completion of requirements for graduation. This consultation should be done three quarters before the expected date of graduation. Students who fail to meet this requirement forfeit any equity in the adjustment of possible errors or omissions in their programs.

Application for Graduation

Application for graduation must be made by each candidate on a form obtainable from the office of the Registrar. The application form should be completed during the Winter registration period. The candidate for a degree from the College must attend the Commencement exercise at which the degree is to be conferred, unless he is officially excused in writing by the Registrar.

Food Services

The College provides a cafeteria and coffee shop in the Student Center. There is also food service in the teaching hospital.

Housing

Residence I and Residence II (Single-Women)

	Air-Conditioned Quarterly	Non Air-Conditioned Quarterly
Single	$150.00	$136.00
Double	$110.00	(not available)

Residence IV

Accommodations for single male undergraduates and graduate students. Double $130.00 per student per quarter and single $182.00 per quarter.

Residence V

Apartments for married students.

One-Bedroom Apartment	$100.00 per month
Two-Bedroom Apartment	$115.00 per month

Inquiry should be made to the Housing Office, Room 100, Residence II, Medical College of Georgia, Augusta, Ga. 30902.

Room Refunds

A student withdrawing from the College will be charged a daily rate for room from the beginning of the quarter to the date when the key for that room is returned to the Housing Office. Other instructions pertaining to this matter are included in the Student Handbook.

Application Procedure

The procedure for applying for housing is described in the "Housing" section of the **Student Handbook.**

Fees

All students are required to pay fees quarterly at registration according to the fee schedule for each school. Irregular students are required to pay fees according to the schedules outlined in the Registrar's Office. Fees are subject to change without notice. Fees are listed in each School's section.

Audit Fees

Persons desiring to attend courses or lectures without examination or credit may secure an auditor's ticket. Fees for auditors are the same as those for students registered for credit.

Refund of Fees

Official withdrawal from College: Refunds will be made at the end of the quarter in which the withdrawal is made. Students who officially withdraw with a clear record within the time specified after the scheduled date may receive refunds as listed:

Time of Withdrawal	Percent refunded
Not more than one week	80
Not more than two weeks	60
Not more than three weeks	40
Not more than four weeks	20
More than four weeks	0

Financial Assistance for Students

Because the cost of acquiring an education in the health sciences may prevent many students from beginning or completing their studies, the College has developed a program to assist students in financing their education. The College believes that educational opportunities for qualified students should not be controlled by their financial resources, although realistic financial planning is an essential part of college preparation. In selecting students to receive financial assistance the College places primary emphasis on financial need. Academic achievement and promise, and character are also considered.

The College participates in the College Scholarship Service of the College Entrance Examination Board. The College Scholarship Service assists colleges and universities and other agencies in determining the students' need for financial assistance. Unmarried undergraduate students who are currently receiving support from their parents and who are seeking assistance from the College are required to have their parents submit a copy of the Parents' Confidential Statement form to the College Scholarship Service. All other students should instead file the Student Financial Statement with the appropriate office of the College Scholarship Service.

Students desiring more information about financial aid resources should write for the Student Financial Aids Bulletin. This bulletin and an application form on which you may apply for any program that the College administers may be secured by writing the College Financial Aid Office. Information concerning graduate fellowships and assistantships is available from the School of Graduate Studies. Applications for assistance may be submitted to the College prior to official acceptance for enrollment and should be on file by May 1. Later applications will be considered only on a "remaining funds available" basis.

Through funds donated by various individuals and groups the College is able to operate its student loan program. Among the funds that have been established are the following:

Student Loan Fund, established in 1962 by Dr. James Russell Howell.

Eugene E. Murphey Fund, donated by Mr. Byron B. Taggert in honor of Dr. Murphey.

DeLeon Laboratories Fund, donated in 1955 by Mr. Harold Palmer, president of the pharmaceutical firm.

W. K. Kellogg Foundation, the 1942 and 1943 grants which have evolved into a permanent fund.

Carlin Alexander Fund, sponsored by the Phi Rho Sigma Wives Club in memory of a former member.

Medical Dames Student Loan Fund, established in 1964 for the benefit of married students.

Virginia N. Dawkins Loan Fund, established in 1970 for the benefit of medical students.

Georgia Pediatrics Society Loan Fund, established in 1959 and funded annually to benefit the loan program.

Robert C. White Memorial Fund, established in 1968 in memory of this student.

Medical College of Georgia Foundation, Inc., provides funds annually for the student aid program.

Student Health Service

Full information on Student Health service is published in a **Student Handbook** which all students receive upon entrance into the College. The cost of this service is $10 per quarter to all students.

Hospitalization and Life Insurance Protection.

All full-time students of the College may participate in a group hospitalization and life insurance plan. A Schedule of benefits and costs is given to each student at the beginning of each year. Current costs are as follows:

Schedule of Benefits and Cost.

Life and Accidental Death and Dismemberment Insurance for you:

Life Insurance . . . $3,000

Accidental Death and Dismemberment Insurance $3,000

(Your monthly contribution is 57 cents or $2.28 per quarter)

Student Health Benefit Program

Details of coverage are available in the **Student Handbook** and in the Student Plan Health Benefit book.)

Cost of Coverage:

	*Quarterly	Monthly	Annually
Student only	$28.68	$ 7.17	$ 86.04
Student and dependents	$71.68	$17.92	$215.04

*(One third to be paid at the beginning of the Fall quarter, Winter quarter and the Spring quarter.)

These cost figures are subject to change.

Student Responsibilities and Services

The services available to students, as well as the students responsibilities are outlined in the Student Handbook which is published by the Division of Student Affairs. All students are responsible for its content. Copies are available from the Division of Student Affairs.

Classification of Students As Residents and Non-Residents

1. A student who is under 21 years of age at the time he seeks to register or re-register at the beginning of any quarter will be accepted as a resident student only upon a showing by him that his supporting parent or guardian has been legally domiciled in Georgia for a period of at least twelve months immediately preceding the date of registration or re-registration.
2. In the event that a legal resident of Georgia is appointed as guardian of a non-resident minor, such minor will not be permitted to register as a resident student until the expiration of one year from the date of appointment, and then only upon proper showing that such appointment was not made to avoid payment of the non-resident fee.
3. If a student is over 21 years of age, he may register as a resident student only upon a showing that he has been domiciled in Georgia for at least twelve months prior to the registration date.

   Any period of time during which a person is enrolled as a student in any educational institution in Georgia may not be counted as a part of the twelve months when it appears that the student came into the State and remained in the State for the primary purposes of attending a school.
4. A full-time faculty member of the University System, his or her spouse, and minor children may register on the payment of resident fees, even though such faculty member has not been a resident in Georgia for twelve months.
5. If the parent or legal guardian of a minor changes residence to another state following a period of residence in Georgia, the minor may continue to take courses for a period of twelve consecutive months on the payment of resident fees. After the expiration of the twelve months' period the student may continue his registration only upon the payment of fees at the non-resident rate.
6. Military personnel and their dependents may become eligible to enroll in institutions of the University System as resident students provided they file with the institution in which they wish to enroll the following:
   (a) A statement from the appropriate military official showing that the applicant's "home of record" is the State of Georgia; and
   (b) Evidence that applicant is registered to vote in Georgia; or
   (c) Evidence that applicant, if under 18 years of age, is the child of parents who are registered to vote in Georgia; and
   (d) Evidence that applicant, or his supporting parent or guardian, filed a Georgia State income tax return during the preceding year.
7. Foreign students who attend institutions of the University System under sponsorship of civic or religious groups located in this state, may be enrolled upon the payment of resident fees, provided the number of such foreign students in any one institution does not exceed the quota approved by the Board of Regents for that institution.
8. All aliens shall be classified as non-resident students; provided, however, that an alien who is living in this country under a visa permitting permanent residence or who has filed with the proper federal immigration authorities a Declaration of Intention to become a citizen of the United States shall have

the same privilege of qualifying for resident status for fee purposes as a citizen of the United States.

9. Teachers in the public schools of Georgia and their dependents may enroll as students in University System institutions on the payment of resident fees, when it appears that such teachers have resided in Georgia for nine months, that they were engaged in teaching during such nine months' period and that they have been employed to teach in Georgia during the ensuing school year.
10. If a woman who is a resident of Georgia and who is a student in an institution of the University System marries a non-resident of the State, she may continue to attend the institution on payment of resident fees, provided that her enrollment is continuous.
11. If a woman who is a non-resident of Georgia marries a man who is a resident of Georgia, she will not be eligible to register as a resident student in a University System institution until she has been domiciled in the State of Georgia for a period of twelve months immediately preceding the date of registration.
12. Non-resident graduate students who hold assistantships requiring at least one-third time service may register as students in the institution in which they are employed on payment of resident fees.

Illegal use, possession, or distribution of narcotics and/or other dangerous drugs.

The following statement of policy is designed to emphasize, in fairness to all members of the College community, the serious and dangerous consequences resulting from the illegal use, possession or distribution of marijuana, lysergic acid diethylamide (LSD), or other mind-altering drugs, and the unauthorized use of drugs, such as amphetamines, barbiturates, and tranquilizers, which are sometimes prescribed for medical purposes.

While there is admittedly much controversy as to whether or not marijuana should be classified as a narcotic or dangerous drug, the fact remains that the possession or transfer (including gifts) of marijuana and LSD is illegal under both federal and state laws and is punishable under either. Under federal laws the first offense involving illegal possession or transfer of marijuana is punishable by imprisonment from two to ten years and a fine of $20,000. Under Georgia law the first offense is a felony and is punishable by imprisonment not to exceed two years, a fine of $2,000 or both, and the loss of certain civil rights. For second and third offenses the penalties are more severe.

It should be especially noted that "any person who, by himself, agent or through any other person, gives, sells, offers for sale, barters, or exchanges with any person any narcotic in violation of the provisions of said Chapter (79A-8, of the Uniform Drug Act) shall be guilty of a felony and upon the first conviction thereof shall be punished by imprisonment in the penitentiary for not less than five nor more than ten years." The penalty for subsequent offenses is a felony punishable by imprisonment for a period of not less than ten and not more than

twenty years with possible life sentence at the discretion of the judge.

Agents of the federal and state governments are engaged in intensive and thorough investigation on a continuing basis throughout the State. The law requires that when a felony is committed the civil authorities shall handle the situation rather than College authorities. Technically the law would say that failure to do so would involve compounding a felony.

Under such circumstances it is clear that the policy of the College must be: "Students involved in civil and criminal offenses will be treated as citizens of the community."

Clearly, the College cannot protect members of its community who commit such offenses. In "Student Freedoms and Responsibilities: A Working Paper," published by the American Association of State Colleges and Universities, it is pointed out that "Students should not expect that university officials will come to their defense for activities committed in violation of civil codes." It ought to be added that this applies to *all* members of the College community.

It should not be inferred from this that the College is indifferent about what happens to members of its community; rather, it has a deep concern for those who may find themselves in violation of the law. It is believed that some may not fully recognize the implications of full accountability and responsibility with regard to drugs, and it is for this reason that this statement is being made.

Cultural and Social Activities

The City of Augusta has a wide variety of cultural and social activities available for students, faculty and staff of the College.

As the "Winter Golf Capital of the World," the city is host each year to the international Masters Golf Tournament.

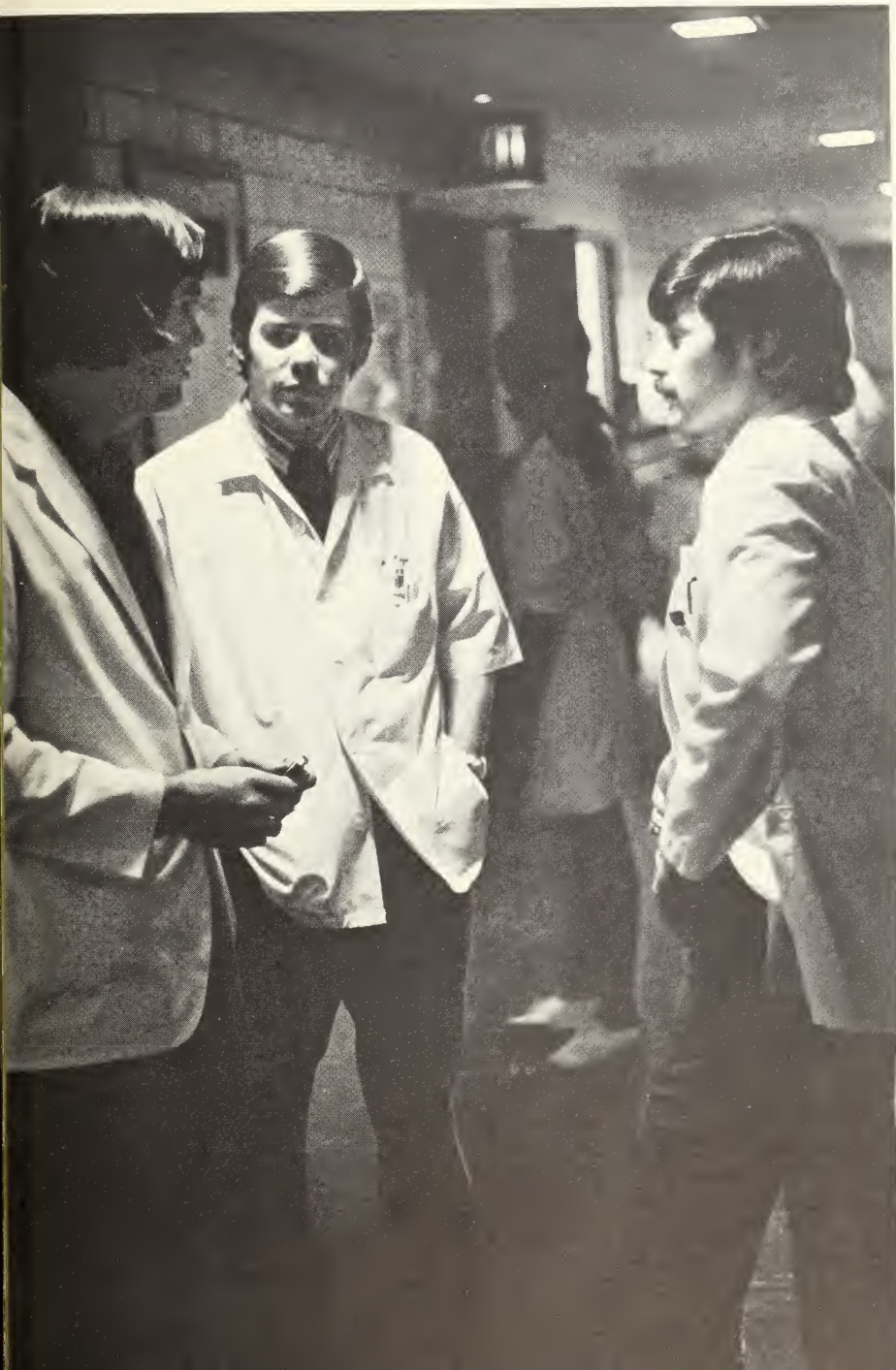
The vast Clark Hill Reservoir on the Savannah River is located near Augusta. There are exceptional facilities for swimming, camping, fishing, boating, picnicking and other outdoor recreational activities at the reservoir.

The College provides tennis courts, facilities for badminton, volleyball and other outdoor sports. A putting green is located near the Student Center Building. The Student Handbook lists recreational activities available in the Student Center.

The Medical Arts Series of the College is one of the many cultural programs available in the city. Some of the groups active in presenting performing art groups are: Famous Artist Series, Junior Woman's Club; Augusta Symphony Orchestra, Augusta Players, Inc., Augusta Opera Association, Inc., Augusta Music Club, Augusta Museum, Augusta Community Concert Association, Augusta College Lyceum Series, Augusta Civic Ballet, Inc., Augusta Choral Society, Paine College, American Association of University Women, American Guild of Organists, American Institute of Architects, Augusta Art Association, Historic Augusta, Inc., Augusta Council of Garden Clubs, Inc. and the Fort Gordon Players.

In and near Augusta there are approximately 175 churches representing 35 religious denominations.

The City of Augusta, second oldest in the state, is located near Aiken, South Carolina, where winter polo and other equestrian sports are popular.



The School of Medicine

School Of Medicine Calendar 1972-1973

First Year Class (Phase I)

Orientation	September 6, 1972
**Registration	September 7, 1972
Classes Begin	September 11, 1972
Thanksgiving Holidays	November 23-26, 1972
Christmas Holidays Begin	December 16, 1972
Christmas Holidays End	January 1, 1973
Classes Begin	January 2, 1973
Registration	January 3-5, 1973
Registration	March 21-23, 1973
Spring Vacation	March 31-April 6, 1973
Classes End	June 1, 1973

Second Year Class (Phase II)

Classes Begin	September 5, 1972
Registration	September 5-7, 1972
Thanksgiving Holidays	November 23-26, 1972
Christmas Holidays Begin	December 16, 1972
Christmas Holidays End	January 1, 1973
Classes Begin	January 2, 1973
Registration	January 3-5, 1973
Registration	March 21, 1973
Spring vacation	March 31-April 6, 1973
Classes End	May 25, 1973

*Students enrolled in "Direct Patient Care" electives should see Phase III Curriculum Bulletin.

**Payment of fees due at each registration period.

Third and Fourth Year Classes (Phase III)

Block Begins	May 29, 1972
Registration and payment of fees	May 29-31, 1972
Third Year Students off for Part I — National Board Exams	June 7-13, 1972
Block Ends	July 2, 1972
Block Begins	July 3, 1972
Block Ends	July 30, 1972
Block Begins	July 31, 1972
Block Ends	August 27, 1972
Block Begins	August 28, 1972
Registration	August 30,31, 1972
Block Ends	September 24, 1972
Block Begins	September 25, 1972
Block Ends	October 22, 1972
Block Begins	October 23, 1972
Block Ends	November 19, 1972
Block Begins	November 20, 1972
Block Ends	December 17, 1972
*Christmas Holidays Begin	December 18, 1972
Christmas Holidays End	January 1, 1973
Block Begins	January 2, 1973
Registration	January 3,4,5, 1973
Block Ends	January 28, 1973
Block Begins	January 29, 1973
Block Ends	February 25, 1973
Block Begins	February 26, 1973
Registration	March 21-23, 1973
Block Ends	March 25, 1973
*Spring Vacation	March 31-April 6, 1973
Block Begins	March 26, 1973
Block Ends	April 29, 1973
Block Begins	April 30, 1973
Block Ends	May 27, 1973
Block Begins	May 28, 1973
Registration	May 28,29,30,1973
Third Year Students off one week in June for National Board Exams. Date TBA)	
Block Ends	July 1, 1973
Block Begins	July 2, 1973
Block Ends	July 29, 1973
Block Begins	July 30, 1973
Block Ends	August 26, 1973

School of Medicine

Dean: (Acting) Curtis H. Carter, M.D.
Associate Deans:
Robert G. Crounse, M.D.
Robert A. Liebelt, M.D., Ph.D.
Robert E. Reynolds, M.D., Dr.P.H.

The physician occupies a vital and honored position in today's increasingly sophisticated and complex society. Successful completion of requirements in the School of Medicine leads to the M.D. degree and a career dedicated to the maintenance of health and the alleviation and cure of disease. Opportunities include clinical practice, teaching and work in research.

Accreditation

The School of Medicine is accredited by the Association of American Medical Colleges in conjunction with the American Medical Association.

Admission Requirements

Policy

Admission policies as established by the Board of Regents of the University System of Georgia are the responsibility of the Admissions Committee, with consideration for the special requirements of the medical curriculum. The Committee is responsible for the acceptance of all students entering the first, second or third year classes. Admission with advance standing to the fourth year class is not ordinarily possible.

The applicant for admission to the School of Medicine is considered on the basis of academic ability and achievement, scores on the Medical College Admission Test, and assessment of individual potential for meeting society's health care needs as evaluated by the premedical adviser, two personal references, and Medical College faculty.

The Admissions Committee makes a searching effort to appraise the potential of individual applicants for accomplishment in medicine, both through the academic record and personal qualifications, as best they can be assessed. Although an analysis of factors which predict success is most difficult, the Committee feels that it must make an effort to evaluate the characteristics of "the track record" in terms of the individual's academic accomplishments and growth as an individual.

Academic Requirements

At least three years of work in an approved college.

The minimum requirement is 90 semester hours or 135 quarter hours. The three year college course, in both quality and quantity, must be acceptable as the equivalent of the first three years leading to the degree of Bachelor of Science or Arts in an approved college of arts and sciences. Preference is given to applicants who will have completed their baccalaureate degree.

An applicant may major in the discipline of his choice; however, he must complete the following:

Biology: One academic year of general biology or zoology (with laboratory).

Chemistry: (a) One academic year of general inorganic chemistry (with laboratory). Inclusion of quantitative chemistry is recommended.

(b) One academic year of advanced chemistry, two quarters or one semester of which must be organic chemistry with laboratory. The other quarter or semester may be fulfilled by any advanced chemistry course (laboratory not necessary).

Physics: One academic year of physics (with laboratory), or whatever portion of the academic year is required to include mechanics, heat, light, sound, electricity and magnetism.

English: One academic year of English or whatever portion of the academic year is required for the baccalaureate degree in an accredited college or university.

Note: One academic year equals three quarters, two semesters, or one semester and two quarters.

Premedical Electives

An understanding of man, contributory to the wise and solid practice of medicine, can be derived from many disciplines. Students are encouraged to pursue in-depth study in disciplines which are of real interest to them in addition to the required courses. The selection of the areas for in-depth study is not of primary concern to the Committee; many students select natural science as a primary emphasis and others select physical sciences or the humanities. Elective courses may be used to broaden the background of students applying to medical school.

Medical College Admission Test (MCAT.)

Applicants are required to take this examination and submit scores to the College as part of their application procedure. The test is given twice each year at most senior colleges. Information concerning it may be obtained from the premedical advisor in most colleges (or from the Psychological Corporation, 304 East 45th Street, New York 10017). The test must be taken by the student no later than Fall, 1972 for the class entering in Fall, 1973. Information may be obtained from the Division of Student Affairs at MCG.

Physical Examination

A satisfactory health report must be submitted to the Office of Student Affairs.

Personal Interviews

Interviews with members of the Medical College faculty are held by invitation of the Admissions Committee after review of completed application. Such interviews are ordinarily required prior to acceptance.

References

An evaluation of the applicant is required from two persons, one of whom should be a practicing physician. In addition, an evaluation from the applicant's premedical advisor is required. Recommendations from other than these required sources are discouraged.

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained after July 1, 1972, from the Office of Student Affairs. Applications for the entering class of September, 1973, must be filed (post marked) by December 1, 1972. No application will be accepted if received after that date. Early application is urged by the Admissions Committee. No application fee is required.

When notified of acceptance, the applicant is required to make a deposit of $50.00 payable to the Medical College of Georgia, the sum to be applied toward payment of fees when the student enrolls. Should the applicant decide not to matriculate, the deposit will be refunded if requested before March 1, 1973.

Irregular Students

Faculty members holding doctorates in basic medical or biological sciences who wish to qualify for careers in full-time academic or clinical research may enroll as irregular students in special instances.

Requirements for admission as an irregular student are available from the Office of Student Affairs. Before final acceptance as an irregular student, applicants must obtain approval from the Dean of the School of Medicine for the proposed course of study.

The College assumes no responsibility for future curriculum changes which might alter such programs.

Admission with Advanced Standing

Applicants in good standing in accredited two or four year medical school will be considered for admission to the appropriate advanced level of the curriculum when student space permits. Details should be obtained from the Office of Student Affairs.

Fees and Expenses

Estimated Student Expenses Per Academic Year (3 quarters)	First Academic Year	Second Academic Year	Third Academic Year	Fourth Academic Year
Matriculation Fee	900	900	900	900
Student Health Fee	30	30	30	30
Student Activities Fee	30	30	30	30
Books	250	180	180	180
Uniforms	20	20	20	20
Instruments	225	—		—
Microscope*	100	100	—	—
Housing**	390	390	390	390
Food	600	600	600	600
Personal	500	500	500	500
Total	**2,995**	**2,700**	**2,620**	**2,620**

NOTE: Matriculation Fee is $300.00 per quarter. Non-Resident Tuition (in addition to Matriculation Fee) is $300.00 per quarter. Student Activities Fee and Student Health Fee are each $10.00 per quarter.

* Cost estimate based on microscope rental plan offered by college.

** See General Information Section on available on-campus housing options and costs.

See General Information section for Hospitalization and Life Insurance costs.

Financial Aid

Additional information and an application form on which to apply for any assistance program administered by the College may be secured by writing the College Financial Aid Office.

Curriculum

The first year curriculum, termed Phase I, is a program with "core" and "elective" portions. The core portion of twenty-seven weeks duration is concerned with molecular, cellular and human biology. Structure and function of the healthy human being are approached by multidisciplinary teaching by instructional committees composed of members of the Departments of Anatomy, Cell and Molecular Biology, Physiology, Endocrinology and various clinical departments. To strengthen skills or to extend or deepen knowledge, the student pursues two months of elective courses, chosen from a wide variety of offerings. In addition the student begins his first contact with patients in the course in Physical Diagnosis starting at mid-year.

The second year, or Phase II of the curriculum, is concerned with the study of the biology of disease. The structural and functional abnormalities which occur in disease are studied in an interdisciplinary program, coordinating microbiology, pharmacology, pathology and pathologic physiology. Physical diagnosis is taught in relation to the study of pathophysiology. Ad-

ditional contributions are made by the Departments of: Anesthesiology, Cell and Molecular Biology, Community Medicine, Dermatology, Medicine, Obstetrics and Gynecology, Neurology, Pediatrics, Psychiatry, and Surgery. Following this eight month core, the student pursues one month of electives.

During Phase III of the curriculum, the student is required to take 72 weeks of Clerkships including five basic clerkships to provide adequate fundamental clinical grounding. The twelve week medical clerkship is taught by the faculties of the Departments of Medicine, Psychiatry, Dermatology, Community Medicine and Radiology. The eight-week surgical clerkship is taught by the Department of Surgery, including the subspeciality divisions and the Department of Anesthesiology. In addition, a six week clerkship is taught by the Department of Obstetrics and Gynecology, a six week clerkship by the Department of Pediatrics and a four week clerkship by the Department of Psychiatry.

The balance of the third and fourth years is filled by elective courses which can be advanced clerkships in the various clinical departments, including Medicine, Surgery, Obstetrics and Gynecology, Psychiatry, Neurology, Pediatrics, Dermatology, Radiology and Anesthesiology, as well as electives in basic sciences. Research electives are available. Electives may also be taken in other institutions and community hospitals upon approval by the appropriate department of the School of Medicine and the faculty Curriculum Committee.

The biological sciences and clinical sciences are taught by various departments of the School of Medicine. Courses for students of the School of Medicine are listed in this section.

Required Clerkships — Phase III

Med 500. Basic Clerkship in Medicine.
A three month medical clerkship intended to provide a basic grounding for clinical medicine. It is organized to help students learn to obtain and evaluate information regarding patients by participating in the health care team. The clerkship emphasizes basic approaches to solving problems presented by illness, particularly in the realm of internal medicine.

(Scheduled June, September, December, March)

Obg 500. Clinical Reproductive Biology.
This required basic clerkship of six weeks duration combines inpatient and outpatient experience in human reproduction and in disorders of the female reproductive system. The student will spend three weeks on the obstetric service and three weeks on the gynecology service at the teaching hospital. Outpatient experience will be at Torpin Clinic, Richmond County Health Department and other health departments during the entire six weeks.

Ped 500. Basic Clerkship in Pediatrics.
A six weeks pediatric clerkship to provide basic grounding in child health and human development. It is organized to help students develop skills in pediatric history taking and physical diagnosis and in the interpretation of laboratory findings in the various age groups, including infancy. Experience will be gained in the approach to children's health problems in a wide variety of settings, including nursery, ward and outpatient clinics. The recognition of normal developmental patterns as well as the impact of age in the expression of disease will be emphasized.

(Scheduled June through May)

Psy 500. Basic Psychiatry.
This required clerkship will provide the student with intensive experience with psychiatric inpatients. With collaberation and guidance of the staff, he will do a complete work-up on assigned patients, including physical examination, mental status and psychodynamic case formulation. He will then proceed with treatment with emphasis on supervised psychotherapy, but including medication and other therapies as indicated.

(Scheduled June through May)

Sur 500. Clinical Surgery. (Including Anesthesiology and Emergency Medicine)
This eight week course is the basic course required of all students and is the prerequisite for many surgical electives involving contact with patients. Instruction includes basic concepts of Emergency Medicine and Anesthesiology. Students are assigned patients in General Surgery for total patient care participation, including complete write-ups and participation in operative procedures. They take part in ward rounds, conferences, tumor conferences, journal club, seminars and informal discussions. Student activities involve both inpatients and outpatients. The course includes "Surgical Techniques", an exercise in which students perform standard operations on anesthetized animals.

(Scheduled June through May)

Elective Curriculum

Anatomy

Acting Chairman: Thomas F. McDonald, Ph.D.

Anm 501. Anatomy of Head, Neck and Trunk. (Special Elective)

Anm 502. Histology. (Special Elective)

Anm 503. Anatomy of Extremities. (Special Elective)

Anm 504. Neuroanatomy. (Special Elective)

Anesthesiology

Chairman: Perry P. Volpitto, M.D.

Ans 501. Anesthesiology Four Week Clerkship.

Basic elective in clinical anesthesia. Management of the patient before, during and after anesthesia under supervision of faculty. Lectures, seminars and conferences on shock, inhalation therapy, anesthetic agents, techniques and management of complications.

Ans 502. Anesthesiology Research Fellowship. (Special Elective)
Clinical research experience in analgesics for postoperative pain and blood gas studies in ventilatory and respiratory problems during or after anesthesia.

Ans 503. Anesthesiology Teaching Fellowship. (Special Elective)
Opportunity for a student to participate in teaching of principles of Anesthesiology.

Ans 504. Anesthesiology Two Month Clerkship. (Special Elective)
Closely supervised clinical experience in the administration of anesthesia. Experience similar to that of a resident beginning training. Attendance at all scheduled teaching conferences and seminars.

Ans 505. Anesthesiology Preceptorship. (Special Elective)
Clinical experience in Anesthesiology in an off-campus hospital approved by the American Society of Anesthesiologists.

Ans 561. Special Elective in Anesthesiology.
Pathophysiology of the respiratory and circulatory systems as they pertain to anesthesiology in the preoperative, intra-operative and post-operative patient. Pharmacologic effects of many drugs and their use in these patients. Students will be taught to perform many technical aspects of the specialty. Attendance at all scheduled teaching conferences and seminars.

Cell and Molecular Biology

Chairman: Edward Bresnick, Ph.D.

Cmb 501. Topics in Biochemistry. (Special Elective)

Cmb 502. Disorders of Metabolism (Special Elective)

Cmb 503. Experimental Virology. (Special Elective)

Cmb 504. Bacterial Genetics. (Special Elective)

Community Medicine

Chairman: Glen E. Garrison, M.D.

Required Courses for Medical Students

Community Medicine portion of the multidepartmental core curriculum for sophomore students: This lecture series covers the organization of medical care, the public's expectations relative to medical care, delivery of health services, medical economics, epidemiological methods and their application to selected major diseases, public

health, legal medicine and occupational medicine.

Community Medicine Conferences in the Basic Medicine Clerkship. These conferences cover selected topics in office practice, evaluation of medical care, periodic medical examinations, social and economic aspects of chronic diseases and organization of medical services.

Electives for Medical Students

1. For freshman students

— **Epidemiologic Evaluation of Health Problems and Medical Care.**

— **Drug Abuse.**

— **Computer Applications in Medicine.**

2. For sophomore students

— **Epidemiologic Evaluation of Medical Care.**

— **Critical Review of Medical Literature.**

— **Computer Applications in Medicine.**

— **Training in Other Institutions.**

3. For junior and senior students

Cmd 501 — Family Practice and Cardiovascular Diseases.

Cmd 502 — The Current and Future Organization and Evaluation of Medical Care and Medical Practice.

Cmd 503 — Training in Other Institutions. (Special Elective)

Cmd 504 — Hospital Information Systems.

Cmd 505 — Preceptorship — Family Practice. (Special Elective)

Cmd 506 — Introduction to Group Practice.

Elective Courses for Graduate Students

Cmd 601-602-603 — Introductory and Advanced Techniques in Biomedical Data Processing and Analysis.

Dermatology

Chairman: J. Graham Smith, Jr., M.D.

Der 501. Dermatology Clinical Clerkship. (1 month)

Der 502. Dermatology Research Training Program. (Special Elective)

Endocrinology

Chairman: Robert B. Greenblatt, M.D.

End 501. Elective in Clinical Endocrinology.

End 502. Research in Endocrinology. (Special Elective)

Medicine

Chairman: Alfred J. Bollet, M.D.

Med 501. Substitute Internship at V.A. Hospital. (1 month)

Med 502. Substitute Internship at V.A. Hospital. (2 months)

Med 503. Substitute Internship at University Hospital. (1 month)

Med 504. Substitute Internship at University Hospital. (2 months)

Med 505. Substitute Internship at Fort Gordon Hospital. (1 month)

Med 506. Substitute Internship at Fort Gordon Hospital. (2 months)

Med 507. Rheumatology. (1 month)

Med 508. Rheumatology. (2 months)

Med 509. Hematology.

Med 510. Clinical Endocrinology and Metabolism.

Med 511. Renal Disease.

Med 512. Cardiology at Talmadge Hospital.

Med 513, Cardiology at V.A. Hospital.

Med 514. Gastroenterology at Talmadge Hospital.

Med 515. Gastroenterology at V.A. Hospital.

Med 516. Medical Chest.

Med 517. V.A. Medical Chest Service.

Med 518. Infectious Disease.

Med 519. Electronics in Medicine.

Med 520. Preceptorship in Internal Medicine.

Med 521. Preceptorship in Renal Medicine.

Med 522. Off-campus Elective.

Med 523. Research Elective in Medicine.

Med 524. College Health.

Med 525. Physical Medicine.

Med 526. Research in Clinical Endocrinology and Metabolism.

Med 527. Community Hospital Elective.

Med 528. Cardiology: Clinical Hemodynamics.

Med 529. New Concepts in Diagnosis and Treatment of Hypertension.

Nuerology

Neu 501. Basic Clerkship in Neurology.

Neu 502. Advanced Clerkship in Neurology.

Neu 503. Advanced Clerkship in Neurology.

Neu 504. Advanced Clerkship in Neurology.

Neu 505. Clerkship in Neurology.

Neu 506. Tutorial. (Special Elective)

Neu 507. Preceptorship in Neurology. (Special Elective)

Neu 508. Preceptorship in Neurology. (Special Elective)

Obstetrics and Gynecology

Chairman: William A. Scoggin, M.D.

Obg 501. Off-Campus Elective in Clinical Ob-Gyn. (Special Elective)

Obg 502. Obstetrics and Gynecology. (University Hospital)

Obg 503. Obstetrics and Gynecology. (University Hospital)

Obg 504. Obstetrics and Gynecology. (Ft. Gordon)

Obg 505. Obstetrics and Gynecology. (Ft. Gordon)

Ophthalmology

Acting Chairman: Robert P. Thomas, M.D.

Oph 501. Ophthalmology Clerkship.

Oph 502. Ophthalmology Research Elective. (Special Elective)

Oph 503. Ophthalmology Research Elective. (Special Elective)

Oph 504. Ophthalmology Preceptorship. (Special Elective)

Oph 505. Ophthalmology Preceptorship. (Special Elective)

Pathology

Chairman: Leland D. Stoddard, M.D.

Pth 501. Anatomic Pathology. (Special Elective)

Pth 502. Current Autopsy Case Studies. (Special Elective)

Pth 503. Exfoliative Cytology. (Special Elective)

Pth 504. Experimental Thrombosis. (Special Elective)

Pth 505. Research is Histochemistry. (Special Elective)

Pth 506. University Hospital Pathology Laboratory. (Special Elective)

Pth 507. Experimental Cancer Research. (Special Elective)

Pth 508. Nuclear Medicine. (Special Elective)

Pth 509. Surgical Pathology. (Special Elective)

Pth 510. St. Francis' Pathology Laboratory (Columbus, Ga.). (Special Elective)

Pth 511. Athens General Hospital Pathology Laboratory (Athens, Ga.). (Special Elective)

Pth 512. St. Mary's Hospital Pathology Laboratory (Athens, Ga.). (Special Elective)

Pth 513. Newberry County Hospital Pathology and Radiology Laboratory (Newberry, S.C.). (Special Elective)

Pth 514. Upson County Hospital Pathology and Radiology Laboratory (Thomaston, Ga.). (Special Elective)

Pth 515. Charlotte Memorial Hospital Pathology Laboratory (Charlotte, N.C.). (Special Elective)

Pth 516. Norfolk General Hospital Pathology Laboratory (Norfolk, Va.). (Special Elective)

Pth 517. Teaching Elective in General and Special Pathology. (Special Elective)

Pth 518. St. Joseph's Hospital Pathology Laboratory (Atlanta, Ga.). (Special Elective)

Pth 519. Laboratory Microbiology. (Special Elective)

Pth 520. Clinical Chemistry. (Special Elective)

Pth 521. Hematology and Hematopathology. (Special Elective)

Pth 522. Immunohematology and Blood Banking. (Special Elective)

Pth 523. General Laboratory Medicine. (Special Elective)

Pth 524. Cardiac Pathology. (Special Elective)

Pathology — Phase II

The second year teaching program in Pathology is a coordinated part of the Phase II plan. It is hoped that the students learn to make accurate and appropriate observations, to analyze them in relation to each other, and to come to conclusions about disease processes. The case-teaching method is used in seminar groups of 16 students. Case teaching is also carried on in the current autopsy programs of the teaching hospital, the St. Joseph's, the University and the Deans Committee Veterans Administration Hospitals. There are lectures and conferences.

Pediatrics

Chairman: Alex F. Robertson, M.D.

Ped 501. Pediatric Clerkship.

Ped 502. Neonatology Clerkship and Newborn Follow-Up.

Ped 503. Ft. Gordon Pediatric Clinic.

Ped 504. Clerkship in Intensive Care of the Fetus and Newborn.

Ped 505. Pediatrics Preceptorship. (Special Elective)

Ped 506. Comprehensive Health Clinic. (Children & Youth)

Ped 507. Comprehensive Health Clinic. (Children & Youth)

Ped 508. Pediatric Clerkship at Gracewood.

Ped 509. Pediatric Clerkship at Gracewood.

Ped 510. Multidisciplinary Approach to the Child with a Birth Defect.

Ped 511. Neonatal and Pediatric Hematology.

Ped 512. Neonatal and Pediatric Hematology.

Ped 513. Pediatric Specialty Clinic.

Ped 514. Pediatric Specialty Clinic.

Ped 515. Pediatric Research. (Special Elective)

Ped 516. Neonatology Research. (Special Elective)

Ped 517. Research in Developmental Biology. (Special Elective)

Ped 518. Pediatric Cardiology.

Ped 519. Pediatric Cardiology.

Ped 520. Clinical Allergy and Immunology.

Ped 521. Respiratory Illness in Children.

Ped 522. Respiratory Disease Research. (Special Elective)

Ped 523. Off-Campus Clerkship (Special)

Ped 524. Off-Campus Clerkship (Special)

Ped 525. Pediatric Cardiology Research

Ped 526. Allergy-Immunology Research

Ped 527. Substitute Pediatric (Intern)

Pharmacology

Chairman: Raymond P. Ahlquist, Ph.D.

Phm 501. Clinical Pharmacology. (Special Elective)
Tutorial program in principles of clinical pharmacology.

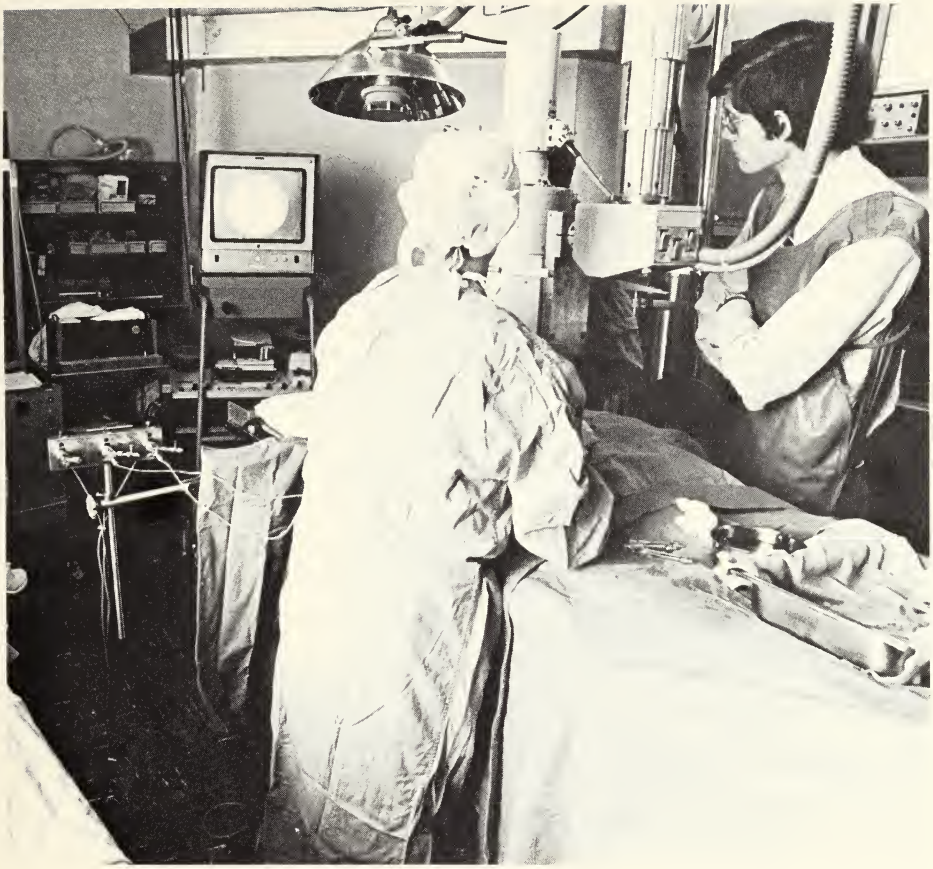
Phm 502. Teratology Laboratory. (Special Elective)
Commonly used clinical drug of students choice will be evaluated for potential teratogenicity by use of the pregnant hamster or rabbit.

Phm 503. Molecular Mechanisms of Drug Action. (Special Elective)
Readings and discussions on drug action at the receptor level and how the organism can alter drug action prior to and after the drug receptor complex has formed.

Phm 504. Neonatal and Infant Pharmacology. (Special Elective)
A study of drug distribution, metabolism and elimination in the neonate and infant. Emphasis will be placed on the immature enzymic processes as they relate to drug metabolism.

Phm 505. The Adrenergic Receptor: General & Clinical Studies. (Special Elective)
A one month course of study concerning the background and practical utilization of concepts regarding alpha and beta adrenergic receptors. The student will progress by means of tutorial discussions, selected library readings and laboratory exercises. The goal of the elective is to increase the student's knowledge in one area of drug investigation and application.

Phm 506. Pharmacology of Cardiovascular Drugs: Experimental & Clinical. (Special Elective)
The course will consist of didatic presentations, laboratory experience, assigned readings, conference sessions and individual presentations. The student will be expected to read



and interpret data obtained in the laboratory and report his interpretations in the conference.

Phm 507. Phase III Elective Program. (Special)
The student will be given the opportunity to review through discussions and readings, certain aspects of pharmacology and will be expected to correlate this knowledge with his clinical experience in drug use. The student will then be given major responsibility in planning, preparing and leading one pharmacology conference per month for Phase II students. Students will meet with instructors for a minimum of 10 hours per month. The remainder of the time will be spent in independent study and conference preparation.

Physiology

Acting Chairman: To be appointed.

Phy 501. Topics in Physiology. (Special Elective)

Phy 502. Cardiovascular — Renal Physiology. (Special Elective)

Psychiatry

Chairman: E. J. McCranie, M.D., Ph.D.

Psy 501. Behavioral Therapy Research Elective. (Special Elective)

Psy 502. General Psychiatry Tutorial. (Special Elective)

Psy 503. Clinical Clerkship — Fort Gordon. (Special Elective)

Location	Fort Gordon
Enrollment	1 Minimum 5 Maximum
Prerequisites	None
Duration	One or Two Months
Months Offered	June through May

Supervised case workers and treatment of psychiatric inpatients or outpatients or patients in the Drug and Alcohol Program. Various treatment modalities are utilized, including individual and group psychotherapy, psychopharmacologic treatment, Half Way House. (Arrangements to be made with Dr. Longley).

Psy 504. Psychophysiology Research Elective. (Special Elective)

Psy 505. Adolescent Psychiatry.

Psy 506. Adolescent Psychiatry.

Psy 507. Child Psychiatry.

Psy 508. Child Psychiatry.

Psy 509. Clinical Clerkship. (Special Elective)

Psy. 510, 511, 512, 513.

Psy 514. Medical Sociology. (Special Elective)

Location	ETMH
Enrollment	By Arrangement
Prerequisites	None
Duration	One to Two Months
Months Offered	By Arrangement

An examination of the nature of sociological and sociopsychological processes (value formation; role differentiation; socialization; power, influence and control; interpersonal perception; social conflict). The concepts and principles derived from the study of interaction among doctors, patients, allied health personnel and the surrounding socio-cultural environment. (Dr. E. J. McCranie).

Radiology

Chairman: Mark Brown, M.D.

Rad 501. Radiology.

Rad 502. Radiobiology. (Special Elective)

Rad 503. Radiobiology. (Special Elective)

Rad 504. Advanced Clerkship in Diagnostic Radiology. (Special Elective)

Rad 505. Off-campus Elective. (Special Elective)

Rad 506. Radiology Preceptorship. (Special Elective)

Rad 507. Clerkship in Radiation Therapy. (Special Elective)

Rad 508. The Business Aspects of Medical Practice. (Special Elective)

Surgery

Chairman: William H. Moretz, M.D.

General Surgery

Sur 501. Clerkship.
Working with patients in preoperative, intraoperative and postoperative care, and participating in all regularly scheduled teaching, patient care and research conferences of General Surgery.

Sur 502. Research Elective. (Special Elective)
An area of mutual interest to the student and his supervisor will be selected and the student will outline his research project, carry it out under the supervision and submit a report of his work toward the end of the project.

Sur 503. Tutorial. (Special Elective)
Individual students may elect to study

in depth, for a period of one to two months, any specific area in surgery under the guidance of the faculty member most familiar with that specific area. A thesis or report on the subject chosen is a necessary part of this elective.

Sur 504. Preceptorship. (Special Elective)
Clinical experience with individual private practice preceptor, in his office, operating room and hospital.

Sur 505. Off-Campus Experience. (Special Elective)
An off-campus experience in some phase of surgery in some other medical school or institution for a period of one to two months.

Sur 506. Special Surgical Clerkship.
Designed to introduce the student in some depth to several areas of surgery. Two week rotations, with an occasional four week rotation, are available in: 1) Emergency Room (U.H.); 2) General Surgery; 3) Neurosurgery: 4) Ophthalmology; 5) Orthopedics; 6) Thoracic/Cardiac; 7) Urology and 8) Anesthesiology.

Sur 507-508. Kidney Transplantation.
Students will assist with care of patients having renal transplants.

Sur 509. The Burn Wound: Some Physiologic and Biophysical Aspects. (Special Elective)
A study of the burned wound, its permiability and a study of those chemical components of the wound surface which are of clinical importance.

Sur 510. Emergency Room. (Univ. Hosp.).

Four-week elective in emergency room (U.H.) as available after meeting needs of Sur 506. Active participation in care of patients in U.H. Emergency Department.

The Department of Surgery has six divisions. They are General Surgery, Neurosurgery, Otolaryngology, Orthopedics, Thoracic/Cardiac and Urology. Each division offers a clerkship, a research elective, a tutorial elective, a preceptorship and most offer an off-campus elective. The description of the content of the elective is the same as that for General Surgery.

Neurosurgery

Chief: Marshall B. Allen, M.D.
Sur 511. Neurosurgery Clerkship.

Sur 512. Neurosurgery Research Elective. (Special Elective)

Sur 513. Neurosurgery Tutorial. (Special Elective)

Sur 514. Neurosurgery Preceptorship. (Special Elective)

Sur 515. Neurosurgery Off-Campus Experience. (Special Elective)

Otolaryngology

Chief: Eugene W. Matthews, M.D.

Sur 521. Otolaryngology Clerkship.

Sur 522. Otolaryngology Research Elective. (Special Elective)

Sur 523. Otolaryngology Tutorial. (Special Elective)

Sur 524. Otolaryngology Preceptorship. (Special Elective)

Sur 525. Otolaryngology Off-Campus. (Special Elective)

Orthopedics

Chief: Floyd E. Bliven, M.D.
Sur 531. Orthopedic Clerkship.

Sur 532. Orthopedics Research Elective. (Special Elective)

Sur 533. Orthopedics Tutorial. (Special Elective)

Sur 534. Orthopedics Preceptorship. (Special Elective)

Sur 535. Orthopedics Off-Campus Experience. (Special Elective)

Sur 536. Hand Surgery. (Special Elective)

Thoracic and Cardiac

Chief: Robert G. Ellison, M.D.

Sur 541. Thoracic and Cardiac Clerkship.

Sur 542. Thoracic and Cardiac Research Elective. (Special Elective)

Sur 543. Thoracic and Cardiac Tutorial. (Special Elective)

Sur 544. Thoracic and Cardiac Preceptorship. (Special Elective)

Urology

Chief: J. Robert Rinker, M.D.

Sur 551. Urology Clerkship.

Sur 552. Urology Research Elective. (Special Elective)

Sur 553. Urology Tutorial. (Special Elective)

Sur 554. Urology Preceptorship. (Special Elective)

Sur 555. Urology Off-Campus Experience. (Special Elective)

Curriculum Bulletin

The courses offered are not limited to those listed above, and new courses are frequently introduced into the curriculum. It is possible that some of the courses listed may be withdrawn from the curriculum with the approval of the Curriculum Committee and the Dean of the School of Medicine. Course descriptions can be found in the Phase III Curriculum Bulletin, a copy of which may be obtained by writing to the Curriculum Office, School of Medicine.

Scholarship and Promotion

Promotion of students from one year to the next is dependent upon the satisfactory completion of each year's work. Promotions are considered on the basis of recommendations by individual instructors, on department evaluations and on students' total records, including performance on Parts I and II of The National Board Examinations.

The faculty has the obligation and right to determine the methods of evaluation by performance or by examination and to evaluate each student individually. Comprehensive oral examinations may be scheduled at the end of the second and fourth years on the advice of the Promotion Board.

Classification of students: In the School of Medicine, students are classified as first year, second year, third year or fourth year.

Requirements For Graduation

The degree of Doctor of Medicine is awarded to candidates who have successfully completed the prescribed course of study. Evaluation of the members of the graduating class is

similar to that for each of the other classes.

The College awards the degree of Doctor of Medicine only to those candidates for graduation who are at least 21 years of age. The Promotion Board must be satisfied that the candidate has completed acceptably four academic years of medical study in accredited institutions, and that he will be a credit to the medical profession.

At least his final two years of study must have been at this school.

The College reserves the right to require one year internship before awarding the degree of Doctor of Medicine to any student.

Grading System

4 — Excellent	I — Incomplete
3 — Good	WF — Withdrew Failing
2 — Average	WP — Withdrew Passing
1 — Poor	NC — No Credit
0 — Failure	AU — Audit
	CR — Credit
	NR — Not Reported

OTHER PROGRAMS AND ADMINISTRATIVE PROCEDURES

Student Responsibilities & Judicial Procedures

Student discipline at the College is the responsibility of the President and his administrative staff. Students will be liable for disciplinary action should they fail to act in a manner of credit to themselves, the College and the medical profession as outlined in the **Student Handbook** section on "Student Judicial Procedures."

Honor System

Every medical student is expected to maintain a high degree of personal integrity and honor, not only during his years on the campus, but also throughout his practice as a physician. In recognition of this obligation, each student is expected to subscribe to an honor code established by the students of previous years. An Honor Court composed of eight students is nominated by student officers and selected by the Dean at the beginning of each academic year to administer the Honor Code. A copy of the Honor Code is distributed to freshmen during orientation.

Student-Faculty Council

The Student-Faculty Council of the School of Medicine acts as an advisory board in student and faculty relations. The Council is composed of five faculty members and nine students. The basic science and clinical departments each are represented by at least two members of the faculty who are elected by the student body for three year terms. The Council may elect two additional faculty members for a period of one year to represent the administration. The students are represented by the president of the student body and two members from each of the classes.

Two student members are elected by the first year class to serve for one year. Two permanent members are elected by the second year class at the beginning of the academic year and serve until graduation. A chairman and a secretary are elected by the Council for terms of one year.

Alpha Omega Alpha

A chapter of this honorary scholastic fraternity in medicine was established at the College in 1926. Each year students of the third and fourth year classes are nominated on the basis of academic excellence, and elections are held by active members of the chapter.

Special Programs

Guest Lecturers

Throughout the year, distinguished physicians and scientists from other schools and from overseas visit the various departments of the Medical College of Georgia and participate in the departmental teaching programs.

Distinguished lecturers address the whole school each year.

In addition, the following special lectureships are held: (1) The Aaron Brown Memorial Lecture, sponsored by Phi Delta Epsilon Fraternity; (2) The Alpha Omega Alpha Honor Fraternity sponsors two lectures annually (Student Honors Day occurs with the spring lecture); (3) The Sydenstricker Lecture, in honor of the late Dr. Virgil P. Sydenstricker, a distinguished member of the faculty for many years, sponsored by the Student American Medical Association.

Research Fellowships

The Medical College of Georgia has a limited number of summer research fellowships in which students work closely with faculty investigators on specific problems.

This is an elective, but an important component of the students' educational experience, allowing them to participate in research and to develop an understanding of the methods, philosophies and problems involved.

Interested students should contact departments directly.

Affiliated Hospitals Program

The School of Medicine has developed a number of affiliations with community hospitals around the State of Georgia. These affiliations are aimed primarily at widening the educational experiences of our students by providing them with educational opportunities in general medicine and the specialty fields at the affiliated community hospitals. By participating in these training programs the student will gain experience, insight, and perspective into the practice of high quality medical care as it exists in private practice and these community hospitals.

The required clerkships in clinical medicine are organized to make optimal use of the clinical facilities in the Augusta area. These clerkships accordingly are situated in the teaching hospital, the University Hospital (city-county hospital), the Veterans Administration Hospital and the Georgia Regional Hospital.

Elective programs in community hospitals and the family practice preceptorships are available to students who have completed the nine months of required clerkships in the Phase III Curriculum. A total of four months of elective training may be spent in community hospitals or off-campus preceptorships. Students selecting one of the off-campus electives will be provided with room, board, traveling expenses and $50.00 per month of incidental expense money. Electives are available in Savannah at the Memorial Medical Center; in Columbus at the Medical Center; the Macon Hospital in Macon, and the county hospitals located in Dublin and Waycross, Ga., and Newberry, S.C. In Augusta, electives are available at the University Hospital, at the Fort Gordon Army Hospital, and the Veterans Hospitals.

Family Practice

A Department of Family Practice in the School of Medicine has been established. The Family Medicine program will include medical student and resident training programs to prepare

young physicians for careers as primary physicians practicing family medicine. It is planned that the program will be operational by July 1973.

Experimental Curriculum

During the 1970-71 and 71-72 school year, an experimental curriculum in the Basic Medical Science was tried. The experiment used patient problems to introduce all basic science material and emphasized problem solving. Several successful aspects of the initial experiment have been incorporated into the regular curriculum.

A second experiment will begin with the entering class in the Fall of 1972. The second experiment will be an extension of the first but will also experiment with 1) self instruction, 2) differing rates of student progress, and 3) curriculum shortening.

Students participating in the experiment will be selected from volunteers.

Postdoctoral Training Programs

The College has internship and residency programs which have been approved by the Council on Medical Education and Hospitals of the American Medical Association. The teaching hospital of the College, Eugene Talmadge Memorial, is the parent hospital for these programs, but intergration and/or affiliation with the University Hospital, Augusta; the Veterans Administration Hospitals, Augusta; Battey State Hospital, Rome; Georgia Regional Hospital, Augusta, and the Macon Hospital, Macon, may be included. A brief outline of the various training programs is given below. Applicants seeking residency training may apply either to the departmental chairman or to the Director of Hospital & Clinics.

Internships

Chairman of Internship Advisory Committee: James B. Hudson, M.D.

Chairman of Intern Selection Committee: William Strong, M.D.

(Applicants should register with the National Intern Matching Program, 2530 Ridge Avenue, Evanston, Illinois 60201.)

Medicine

Professor and Chairman: Alfred Jay Bollet, M.D.

The Medical Internship is a straight service consisting of eight months on the general Medical Wards, one month in the Emergency Room (at the University Hospital) and three months elective.

Obstetrics and Gynecology

Professor and Chairman: William A. Scoggin, M.D.

Four rotating internships are offered by the Department of Obstetrics and Gynecology. The internships have a mandatory assignment of at least four months of Obstetrics-Gynecology and at least four months of Medicine.

Pathology

Professor and Chairman: Leland D. Stoddard, M.D.

The straight internship in Pathology is offered to recent graduates whether or not they have decided about later training. The intern's experience is like that of a first-year resident. His study of human disease is excellent preparation for any clinical field. If he decides to continue in Pathology, it is a year saved that can be spent later in special research training. An elective in one of the clinical disciplines may be arranged. The Internship program is in the Medical College teaching hospital and may include elected periods in the Medical College affiliated University Hospital.

Pediatrics

Professor and Chairman: Alex F. Robertson, M.D.

Six straight internships are available. The year is spent on the general Pediatric Wards of the teaching hospital, the University Hospital and in the outpatient clinic.

Surgery

Professor and Chairman: William H. Moretz, M.D.

Four straight surgical internships are offered. Nine months of the year are devoted to Surgery, primarily General Surgery, although two months may be spent in a Surgical subspecialty. One or two months in the Emergency Room may also come from the nine months of Surgery. Three elective months are provided and may be spent in Medicine, Pediatrics, or Pathology. The straight surgical internship may be combined with the first year of residency in General Surgery.

Rotating Internships

Sixteen rotating internships are offered and are of two types: Rotating ^{3} and Rotating ^{9} as listed in the American Medical Association Directory of Approved Internships and Residencies.

Rotating ^{3} Internships are discussed in the Obstetrics and Gynecology section.

Rotating ^{9} Internships offer any of the programs from Rotating ^{0} through Rotating ^{8}. The rotating program allows maximum latitude of choice in the content of the intern's year since four months of Internal Medicine is the only specific requirement. Such latitude will require special counseling for each applicant to ensure that the program selected best suits his long range plans. The required months of Medicine will be divided between the Talmadge and Veterans Administration Hospitals. Twelve positions are available.

Inquiries about STRAIGHT or ROTATING ^{3} INTERNSHIPS should be directed to the appropriate Department Chairman.

Inquiries about the ROTATING ^{9} INTERNSHIPS should be sent to the College's Intern Selection Committee.

Residencies

Anesthesiology

Prerequisite: a minimum of one year internship. A two or three year residency training is offered all in the teaching hospital. The two year program is basically clinical training

Anesthesiology. The three year program offers in addition a total of one year of variable time on electives such as cardiology, cardiopulmonary laboratory, pharmacology, physiology, anatomy, etc. If the resident desires, he may spend part or the entire year in research activities. (Perry P. Volpitto, M.D.)

Dermatology

The residency training program in Dermatology is for three years with emphasis on both clinical and basic scientific aspects of cutaneous medicine. Patients are seen in out-patient clinics at the Talmadge, University, and Veterans Administration Hospitals. There are ten inpatient beds at the Talmadge Hospital and beds are available at the V.A. Hospital on a "need basis." Training is graduated, with increased responsibility in the care of patients accruing throughout the program. Regular weekly conferences include Dermatology Grand Rounds, histopathology conference, basic science seminar, journal club and didactic conferences. In order to develop the critical capacity necessary to evaluate advances in Dermatology, residents rotate through the research laboratories for periods of two to twelve months full-time during their training and are required to complete a clinical or laboratory research project during the three year training period. (J. Graham Smith, Jr., M.D.)

Internal Medicine

A straight medical internship which allows an elective period and emergency room experience is offered. There also is a complete residency program integrated with the University Hospital and the Veterans Administration Hospital, providing full training in the field of Internal Medicine and its subspecialties. Fellowships are available in cardiology, cardiovascular research, hematology, infectious diseases, endocrinology and metabolism, gastroenterology, renal diseases, rheumatology, pulmonary disease and clinical nutrition. Teaching rounds and conferences are held daily for house officers and students. (Alfred Jay Bollet, M.D., and staff.)

Neurology

The neurology residency training program is approved for the full three years; two residents are appointed each year. The chief goal of the training program is the development of clinical neurologists competent in the care of patients with diseases of the nervous system. The first year is spent on the neurology inpatient service; the second year is spent in rotations in neuropathology, psychiatry, EEG and EMG laboratories, and a three month elective period. Six months of the third year are spent in charge of the neurology outpatient clinics and consultations, and six months are spent as Chief Resident supervising the inpatient service. During the three years, the resident participates in organized study of basic neurosciences, has an active role in teaching medical students and junior residents, and is given increasing responsibilities in management of patients under the supervision of faculty members of the Division of Neurology. (Joseph B. Green, M.D.)

Obstetrics and Gynecology

A four-year residency program is offered. Residents spend a minimum of three years in the department with progressive responsibility each year that fulfills the requirements for Board eligibility. One year may be spent outside the department and might include three month rotations through urology, endocrinology, medicine, general surgery, pathology and research. The program is academically oriented and designed to prepare the resident for clinical practice. Resi-

dents are expected to participate in student teaching and assist on research projects. The residency program rotations include both the teaching hospital and the University Hospital. (William A. Scoggin, M.D.)

Ophthalmology

A three year residency program in ophthalmology is offered with training at the teaching hospital with rotations at University Hospital and the Veterans Administration Hospital. Training in all types of ophthalmic surgery is included. A three month basic science course in ophthalmic surgery is required before finishing the residency. (Robert P. Thomas M.D.)

Pathology

The training program offers one year of internship and up to five years of residency. The resident physician participates in the student teaching program, in the department's autopsy, surgical pathological and clinical pathological services; periods of part-time or full-time research are available to those who want them. Places are available to persons preparing for academic pathology or the practice of pathology, and to those who may desire a year or more of training in pathology in preparation for another discipline. Individualized programs that satisfy Board requirements and the individual's career goals are arranged in the Medical College teaching hospital and may include elected periods in the Medical College affiliated University Hospital. (Leland D. Stoddard, M.D.)

Pediatrics

A straight internship is offered. The residency program consists of two years. Residents spend a minimum of three years in the department with progressive responsibility each year that fulfills the requirements for Board eligibility. One year of internship is a prerequisite. Fellowships for work or research in special areas may be arranged. (Alex F. Robertson, M.D.)

Psychiatry

The Department has a fully approved three year residency program in psychiatry. Detailed information about the program may be obtained on request. (E. James McCranie, M.D.)

Radiology

A three year residency program in radiology is offered with an internship as prerequisite. An alternate four year program without internship prerequisite is being developed. Training in the subspecialty areas of diagnosis as well as radiation therapy and nuclear medicine are a part of the program. (Mark Brown, M.D.)

Surgery Residencies

General Surgery

An integrated program including the teaching hospital, University Hospital, and the Veterans Administration Hospital. This program is four, four and one-half, or five years in length, with prerequisite of one-year internship. There is graduated responsibility with a wide range of patient problems. Ten to 12 first-year residents, and four to six residents at each more advanced level. Not pyramidal. The first year of residency may be the straight surgical internship. (William H. Moretz, M.D.)

Neurosurgery

A five year training program with a prerequisite of one year internship and one year general surgery or one year straight surgical internship, five

residents. Training includes clinical neurosurgery and microsurgery supplemented by on-service participation in neuroradiology and weekly conferences in neuropathology and off-service experiences in clinical neurology and combined neuroanatomy and neurophysiology as well as basic research. The teaching hospital, the University and Veterans Administration Hospitals participate in the training program. By special arrangement, the residents may receive graduate school credit while actively pursuing the neurosurgical residency. (Marshall B. Allen, Jr., M.D.)

Oral Surgery — Dentistry

An approved three year internship-residency program in oral surgery is offered at the Eugene Talmadge Memorial Hospital in conjunction with the University Hospital, the Veterans Administration Hospital and the School of Dentistry. The objective of the program is the education of a skilled clinician, competent in all phases of oral surgery practice, and capable of satisfying the requirements of the American Board of Oral Surgery. The educational requirements of the Board are advanced study in oral surgery for a period of three years, including comprehensive study of the basic biomedical sciences as they relate to oral surgery and a progressively graduated sequence of approved hospital experience of not less than two years duration. The study of the biomedical sciences are presented throughout the three years in the form of regularly scheduled weekly instructional courses, conferences and seminars. Rotations on medicine and anesthesiology are provided during the period of training. (Richard G. Topazian, D.D.S.)

Orthopedic Surgery

A three year program. Prerequisites include a year of internship and one year of general surgery residency training. Primarily serve in the teaching hospital with affiliation in University Hospital and Veterans Administration Hospital. Six residents, two at each residency level. (Floyd E. Bliven, Jr., M.D.)

Thoracic Surgery

A two or three year program. Prerequisites include internship and four years of general surgery residency (with chief residency). Primarily in teaching hospital with rotations through Memorial Hospital, Savannah, Ga., and Veterans Administration Hospital, Augusta. Four residents. (Robert G. Ellison, M.D.)

Urology

A three year program with prerequisites of one year internship and one year in a field basic to urology (usually a year in general surgery). It is served in the teaching hospital. Six residents. (J. Robert Rinker, M.D.)

Continuing Education

The objective of continuing education is to preserve and increase professional knowledge and competence throughout the entire career of professional health workers. The Division of Continuing Education in close cooperation with other departments at the College has the responsibility for developing and promoting educational activities to assist professional health workers in maintenance and further development of their skills.

Types of Courses

1. Campus Symposia

Numerous courses lasting from one to five days are presented each year

2. Physicians Continuing Education Series

In several selected cities throughout Georgia a series of one day medical symposia are presented each year.

3. Intermittent Courses

Each session of these courses usually lasts a few hours, and sessions are held at specified times over a period of months.

4. Special Technic Workshops

Workshops in laboratory, diagnostic and therapeutic procedures offer enrollees an opportunity to obtain practical experience.

5. Clinical Traineeships

Experience in wards or laboratories for periods of one week or longer is offered by special arrangement with the chairman of the department concerned and the Division of Continuing Education.

Program Announcements

Prior to each course, brochures describing the topics, faculty, meeting place, time, and registration fees are mailed to the group of professional health workers for whom the course was developed.

Credits

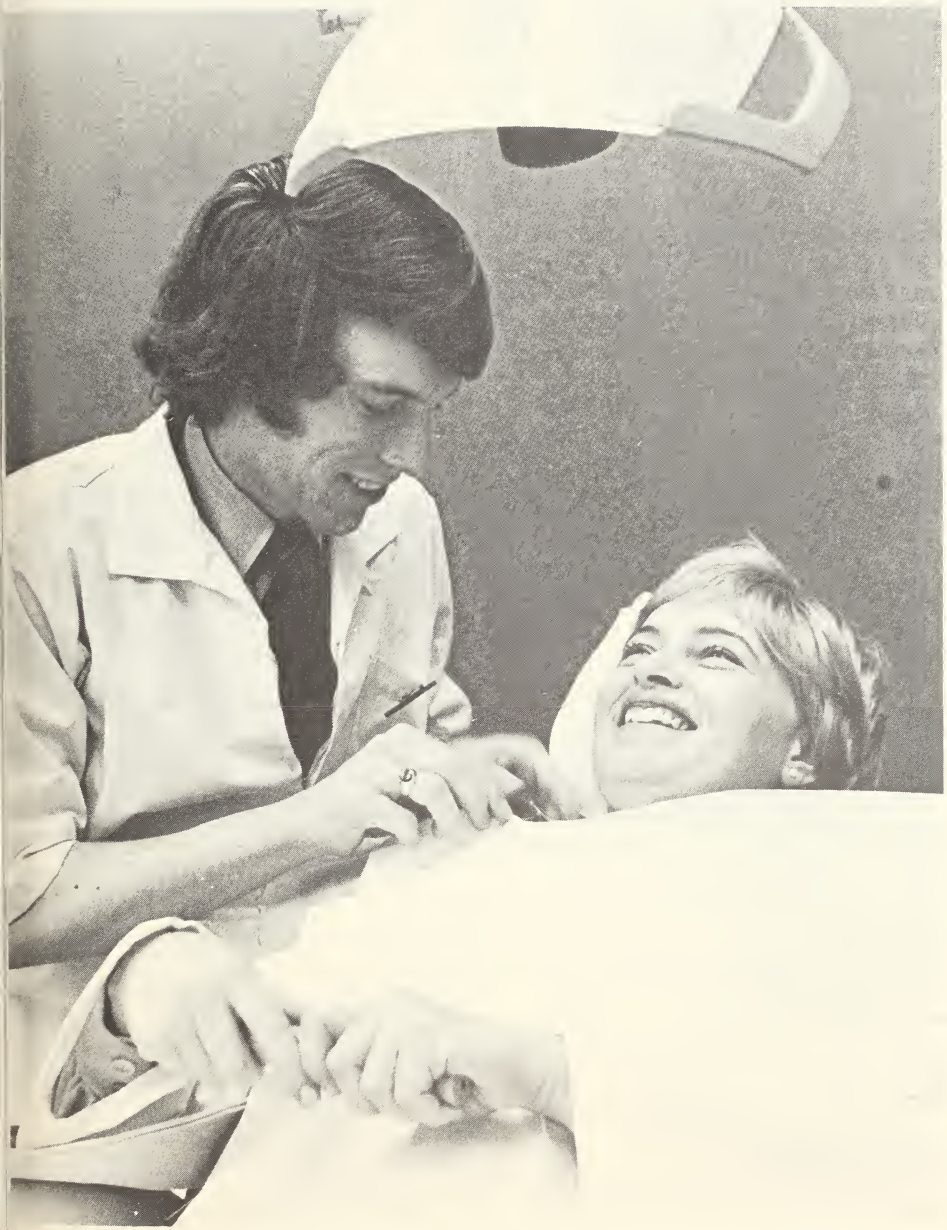
Instruction presented in this program is not designed to give credit toward specialty qualification or academic degrees.

Attention is given to the requirements of the American Academy of Family Practice, and attendance at most courses is accepted for credit by the Academy.

Fees

The enrollment fees for continuing education courses are listed separately for each course and are based on guest faculty participation, hours of instruction and equipment required.

Residents, interns, medical students and College faculty may attend most courses without fees. Certain courses are restricted and have limited enrollment. (Glen E. Garrison, M.D.)



The School of Dentistry

SCHOOL OF DENTISTRY CALENDAR 1972-1973

FALL QUARTER, 1972

September 11-29, 1972	Orientation for first year students
September 19, 1972	Registration for first year students
October 2, 1972	Classes begin for students
October 2, 1972	Registration for second, third and fourth year students
November 23-24, 1972	Thanksgiving Holidays
December 15, 1972	Classes end Christmas Holidays begin

WINTER QUARTER, 1973

January 2, 1973	Classes begin for students
January 3, 4, 5, 1973	Registration for students
March 16, 1973	Classes end

SPRING QUARTER, 1973

March 19, 1973	Classes begin for students
March 21, 22, 23, 1973	Registration for students
April 2-6, 1973	Spring recess
June 8, 1973	Classes end
June 2, 1973	Graduation

ENRICHMENT

June 11-29, 1973	
July 2-27, 1973	Summer recess

SUMMER QUARTER, 1973

July 30, 1973	Classes begin for students
August 1, 1973	Registration for students
September 3, 1973	Labor Day Holiday
September 21, 1973	Classes end for students

School of Dentistry

Dean: Judson C. Hickey, D.D.S, M.Sc.
Associate Deans:
David E. Beaudreau, D.D.S., M.S.D.
George W. Burnett, D.D.S., PhD.
Thomas J. Zwemer, D.D.S., M.S.D.

Philosophy

Dentistry is one of the important health professions, bonded by common goals and objectives. The dentist, the physician, and the health scientist share in contributing to the total health of the individual and his community.

The dentist, in this concept, must have specific knowledge of and skills in the diagnosis, prevention, and treatment of diseases associated with the oral cavity, as well as a biological understanding of oral health and disease in terms of total health and disease. Furthermore, he must be able to correlate both areas of knowledge to fulfill his role and effectively communicate with colleagues in all health professions.

An understanding of the scientific method is necessary for the dentist to evaluate proposed methods of diagnosis, prevention, and treatment and to aid in the development of new, sound and effective methods. Finally, he must have a sense of obligation to serve individual and community needs.

With these concepts representing its philosophy, the purpose of the College's School of Dentistry is to educate students to accept and to discharge competently the responsibilities of preserving individual and community health.

Objectives

The School of Dentistry has set before it the objectives of teaching, research, and service that are common to all institutions of higher learning. In specific relation to the School of Dentistry they may be stated as:

1. To educate dentists and the broad spectrum of allied personnel required to provide for the present and future oral health needs of the total community.
2. To foster and conduct active research programs in basic and applied areas of dentistry as well as supporting experimentation and innovations in the art and science of dental education.
3. To provide preventive, diagnostic, and therapeutic dental services to citizens of the State of Georgia in cooperation with other health and educational related organizations, and in accordance with the available physical facilities and teaching faculty of the School of Dentistry.

Admission Requirements

1) American Dental Association Admissions Test (given in October, January and April)
2) Personal Interview by invitation
3) Two years of college is a minimum, including completion of the following college courses:

	Quarter Hours	Semester Hours
English	10	6
Inorganic Chemistry	10	6
Organic Chemistry*	5	3
Biology or Zoology	10	6
Physics	10	6

*(5 quarter hours fulfills the minimum requirement; however, 10 quarter hours is recommended.)

Fees and Expenses

Estimated Student Expenses Per Academic Year

	First Year (12 months)	Second Year (12 months)	Third Year (12 months)
Matriculation fee*	$1200	$1200	$1200
Student Health fee**	40	40	40
Student Activity Fee***	40	40	40
Books	175	100	50
Instruments	2000	325	100
Uniforms	20	20	20
Totals	**$3475**	**$1725**	**$1450****

(All fees are subject to change)

* Non-Resident Tuition (in addition to matriculation fee) is $300 per quarter.

** Student Health fee is $10 per quarter.

*** Student Activity fee is $10 per quarter.

**** Proficient students who qualify for graduation after nine months of their third year should project third year expenses to be $1000 instead of $1350 for the full twelve-month period.

Additionally, estimated housing, food, and personal expenses were not included due to general individual variance. In developing a personal budget, do not fail to include these items. Information on hospitalization and life insurance is in the General Information section.

Great emphasis will be placed on academic performance during selection procedure. Majors in social sciences, psychology, and humanities will be given equal consideration with those in biology and physical sciences.

Application Procedure

Admission to the School of Dentistry is on a competitive basis. The Admissions Committee selects the applicants who seem best qualified for the study of dentistry from among those who apply. Application forms will be available July 1 in the Office of Student Affairs. Early application is encouraged.

Financial Aid

The Office of Financial Aid has prepared a Bulletin outlining its financial aid program, as well as other programs of assistance not directly administered by the College. This may be obtained along with application materials by writing:

Office of Financial Aid
Medical College of Georgia
Augusta, Georgia 30902

Applications for aid are separated from admissions applications, i.e. one need not be officially accepted for admission before applying for assistance. Application materials should be submitted by May 1 prior to enrollment, although later applications will be processed on a "late" basis.

Curriculum

Design and Emphasis

The pre-doctoral curriculum offered by the Medical College of Georgia School of Dentistry will require twelve academic quarters in three calendar years and will lead to the D.M.D. degree. Exceptional students may be graduated in eleven quarters to allow for summer enrollment in postgraduate programs and internships. The curriculum will initially emphasize the basic sciences with an expanding emphasis upon the clinical sciences. Courses in the fundamental principles within each basic science discipline, coupled with early clinical exposure, will enable the student to make a lasting correlation of the basic and clinical sciences. The student's knowledge and familiarity with the basic sciences will be reinforced with applied courses in each discipline. This early and continuing correlation is designed to educate the student to respect biological systems and to develop a basic understanding of the response of tissue to stimuli.

The expanding needs of society health will be interrelated throughout the curriculum. Courses relating to principles of public health dentistry, epidemiology of caries and periodontal disease, statistical methods, behavioral aspects of patient populations, dental ethics, and jurisprudence will be a meaningful part of the curriculum. Practical field experiences will be arranged for dental students in epidemiologic, preventive, and other appropriate community activities. Preventive dentistry will be the over-riding theme of all clinical disciplines.

Individual Student Development

Each student will have opportunities for development and expression in specific areas of his interest and ability. Three-weeks will be set aside each year in which elective courses and other structured situations will be available to students interested in academic pursuits. Students will be encouraged to contribute to the field of research and education. Those students demonstrating superior clinical ability and interest will be challenged with more complex technical and clinical problems. The student with motivation in the social aspects of the profession will be further challenged in preventive and community dentistry projects.

The Student and the Health Team

The use of auxiliary personnel will be stressed as a realistic method of preparing the student for the efficient practice of dentistry. The clinical design will simulate a group practice environment with dental assistants, hygienists, and technicians playing an active role in comprehensive patient care. The close academic and physical relationship with the School of Medicine and the teaching hospital will provide an awareness of associated medical sciences and hospital orientation throughout all three years. This emphasis is desirable in preparing the student not only for contemporary practice, but for the future evolution of the profession.

The Student and Research

The dental student will have opportunity to participate in faculty research projects in both basic and clinical areas. He will be encouraged to design and carry out projects of his own as well. The student also will be encouraged to participate in graduate, post graduate, and continuing education courses offered at the College and other dental schools within the United States as a part of the elective program.

Methods of Instruction

The curriculum of the School of Dentistry will be structured around a learning-oriented environment rather than the traditional teaching-oriented situation. Seminars and conferences, taking precedence over the lecture as a vehicle to stimulate independent thought, will give opportunity for expression and interchange upon the part of each student. Self-instructional materials will be used whenever possible to individualize instruction and preparation.

Orientation — Three Weeks

Community Dentistry	36 Hours
Oral Medicine	36 Hours
Total Contact Hours =	72

First Quarter — Eleven Weeks

Occlusion	88 Hours
Restorative	88 Hours
Radiology	11 Hours
Oral Medicine	44 Hours
Periodontics	22 Hours
Human Biology	121 Hours
Student Conference	22 Hours
(Unstructured — 44 Hours)	
Total Contact Hours =	396

Vacation — Two Weeks

Second Quarter — Eleven Weeks

Occlusion	77 Hours
Restorative	88 Hours
Periodontics	28 Hours
Oral Medicine	27 Hours
Statistics and Developmental Genetics	22 Hours
Human Biology	121 Hours
Continuing Education	8 Hours
Radiology	11 Hours
Student Conference	22 Hours
(Unstructured — 44 Hours)	
Total Contact Hours =	404

Vacation — One Week

Third Quarter — Eleven Weeks

Restorative	88 Hours
Occlusion	44 Hours
Endodontics	44 Hours
Periodontics	26 Hours
Pain Control	22 Hours
Radiology	11 Hours
Human Biology	132 Hours
Treatment Planning	7 Hours
Student Conference	22 Hours
(Unstructured — 44 Hours)	
Total Contact Hours =	396

Vacation — Three Or Four Weeks

Fourth Quarter — Eleven Weeks

Pedodontics	22 Hours
Clinic	88 Hours
Enrichment	143 Hours
Human Biology	121 Hours
Cephalometrics	22 Hours
Mixed Dentition	22 Hours
Treatment Planning	22 Hours
Total Contact Hours =	440

Vacation — One Week

Fifth Quarter — Eleven Weeks

Fixed Prosthodontics	88 Hours
Restorative	44 Hours
Open Clinic	55 Hours
Oral Medicine	11 Hours
Occlusion	22 Hours
Endodontics	6 Hours
Periodontics	33 Hours
Human Biology	110 Hours
Pedodontics	11 Hours
Radiology	5 Hours
Student Conference	11 Hours
(Unstructured — 44 Hours)	

Total Contact Hours = 396

Vacation — One Or Two Weeks

Sixth Quarter — Ten Weeks

Removable Partial Dentures	120 Hours
Open Clinic	50 Hours
Occlusion	20 Hours
Pedodontics	10 Hours
Periodontics	40 Hours
Human Biology	100 Hours
Continuing Education	8 Hours
Oral Medicine	10 Hours
Student Conference	10 Hours
(Unstructured — 40 Hours)	

Total Contact Hours = 368

Community Dentistry Week — 36 Hours

Vacation — One Week

Seventh Quarter — Eleven Weeks

Complete Dentures	143 Hours
Open Clinic	66 Hours
Oral Medicine (Physical Diagnosis)	22 Hours
Periodontics	22 Hours
Occlusion	22 Hours
Human Biology	77 Hours
Patient Management and Sedation	11 Hours
Practitioner Orientation	22 Hours
Student Conference	11 Hours
(Unstructured — 44 Hours)	

Total Contact Hours = 396

Vacation — Four Weeks

Eighth Quarter — Eleven Weeks

Clinic	154 Hours
Enrichment	154 Hours
Human Biology	110 Hours
Practitioner Orientation	22 Hours

Total Contact Hours = 440

Vacation — One Week

Ninth Quarter — Ten Weeks

Open Clinic	200 Hours
Prosthodontics	50 Hours
Oral Surgery	20 Hours
Orthodontics	40 Hours
Oral Biology	60 Hours
Oral Medicine — Internal Medicine	20 Hours
Continuing Education	8 Hours
Student Conference	10 Hours
Total Contact Hours =	408 Hours

Community Dentistry Week — 36 Hours
Vacation — Two Weeks

Tenth Quarter — Eleven Weeks

Open Clinic	176 Hours
Oral Surgery	33 Hours
Patient Management	22 Hours
Special Hospital Clinics	44 Hours
Occlusion	44 Hours
Oral Biology	66 Hours
Continuing Education	8 Hours
Ceramics	44 Hours
Student Conference	11 Hours
Total Contact Hours =	448

Vacation — One Week

Eleventh Quarter — Eleven Weeks

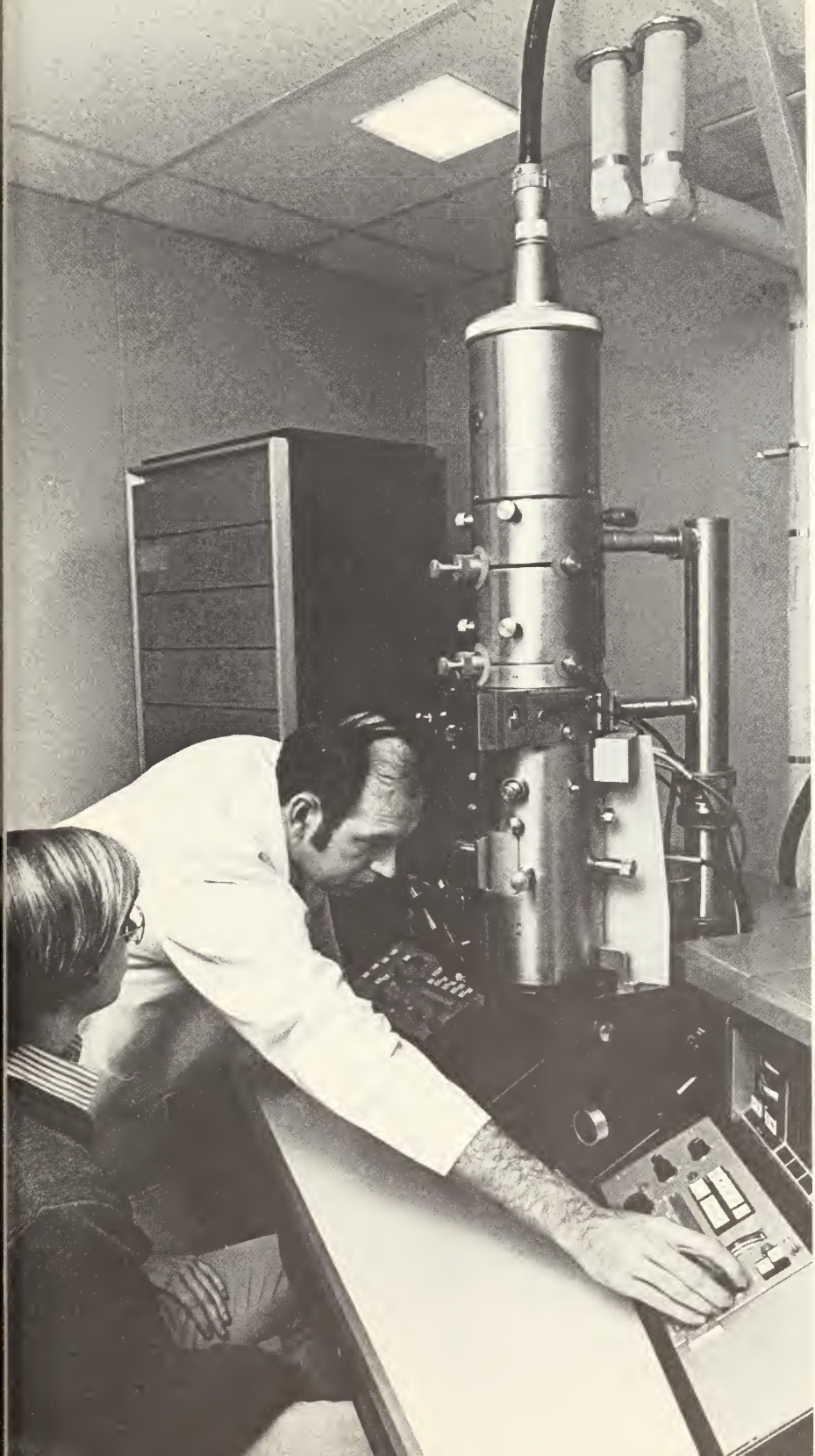
Open Clinic	220 Hours
Oral Surgery	8 Hours
Occlusion	44 Hours
Periodontics	22 Hours
Patient Management	22 Hours
Oral Biology	60 Hours
Clinical Seminars	33 Hours
Continuing Education	8 Hours
Oncology	20 Hours
Student Conference	11 Hours
Total Contact Hours =	448

Vacation — Four Weeks

Twelfth Quarter — Eleven Weeks

Clinic	396 Hours
Bioclinical Seminar	44 Hours
Total Contact Hours =	440

Note: All courses listed are subject to continuous revision.



The School of Graduate Studies

School of Graduate Studies Calendar 1972-73

Fall Quarter, 1972

August 11	Last day to file applications for new admission
September 6	Advisement and pre-registration in departments 1:00 P.M. Meeting, Graduate Student Council
September 7	Registration, School of Graduate Studies and Registration Center
September 8	Classes begin
September 20	Last day for late registration and class changes
October 25	Midterm Last day to drop a course with passing grade
November 22-26	Thanksgiving Recess
November 29	Last day of classes
December 4-8	Examinations
December 8	Term ends

Winter Quarter, 1973

December 8	Last day to file applications for new admission
January 2	Registration
January 3	Classes begin
January 5	Last day for late registration and class changes
February 6	Midterm Last day to drop a course with passing grade
March 7	Last day of classes
March 9-10, 12-14	Examinations
March 14	Term ends

Spring Quarter, 1973

February 23	Last day to file applications for new admission
March 19	Registration
March 20	Classes begin
March 22	Last day for late registration and class changes
April 20	Midterm — Dissertation/Thesis Approval Form Due in School Office Last day to drop a course with passing grade
May 23	Last day of classes
May 25-26, 28-30	Examinations
May 30	Term ends
June 2	Graduation

Summer Quarter, 1973

May 18	Last day to file new applications
June 11	Registration
June 12	Classes begin
June 13	Last day for late registration and class changes
July 4	Independence Day Holiday
July 13	Midterm
August 17	Last day to drop a course with passing grade
August 17-18, 20-22	Last day of classes
August 22	Examinations Term ends

School of Graduate Studies

Dean: R. C. Bard, (Acting)

The School of Graduate Studies is the administrative unit dealing with graduate study. The graduate program is administered by the Dean of the School of Graduate Studies. The office of the School of Graduate Studies is located in Room 141, Administration Building. Correspondence or inquiries concerning this work should be sent to: School of Graduate Studies, Medical College of Georgia, Augusta, Georgia 30902.

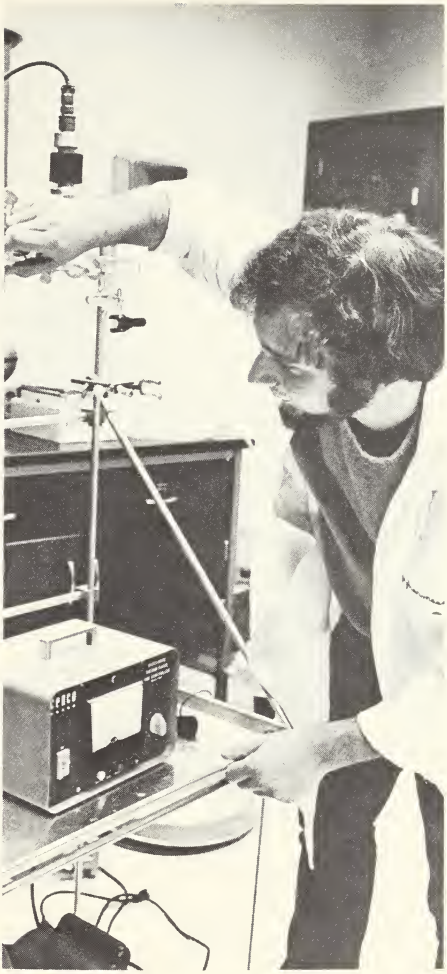
Council: The Graduate Council is composed of faculty members appointed by the Dean to represent each of the fields participating in the graduate program. The Council assists the Dean in formulating policies and regulations which govern graduate work.

Faculty: The members of the graduate faculty are indicated by an asterisk preceding their names in the General Faculty list in the back of the Catalog.

Graduate Student Council: This organization has been formed to represent the will of the graduate students within the framework of the School and the Medical College of Georgia. All graduate students are urged to participate in their council.

Objectives

The objective of the School of Graduate Studies is to provide education at the graduate level to meet the needs of the rapidly expanding health sciences. It offers the superior student an opportunity to realize the full extent of his capabilities and to gain the intimate acquaintanceship with the fundamental concepts of his field that will enable him to achieve the highest degree of competence in his chosen discipline.



Since graduate study is a full time endeavor in a program that is expensive in terms of faculty and other crucial resources, primary consideration will be given to those applicants having as their career objectives the completion of a course of study leading to the Doctor of Philosophy degree or a professional Master's degree at the College.

Degrees

The College is authorized by the Board of Regents of the University System of Georgia to grant advanced degrees through its School of Graduate Studies.

Doctor of Philosophy

This advanced degree is not conferred solely as a result of a prescribed period of study nor will it be conferred upon the completion of any definite amount of work described in advance. Rather, it will be conferred in recognition of proficiency in research, breadth and soundness of scholarship, and thoroughness of acquaintance with a specific field of knowledge as determined by the faculty. Evidence of such attainment must be provided through the passing of such written and oral examinations as may be required and through the presentation of an acceptable dissertation based upon independent research. This degree will be conferred on candidates who have met the requirements in the fields of Anatomy, Biochemistry, Endocrinology, Microbiology, Pharmacology or Physiology.

Master of Science

This advanced general degree is a research degree and will be conferred on candidates who have met requirements in the fields of Anatomy, Biochemistry, Endocrinology, Microbiology, Pharmacology or Physiology.

Master of Science in Medical Illustration

This advanced professional degree will be conferred on candidates who have met requirements in the field of Medical Illustration.

Master of Science in Nursing

Applicants for the Master's program in Nursing should apply to the School of Nursing.

Requirements for Admission

The following are required of each applicant for admission to the School of Graduate Studies.

The Doctor of Philosophy and Master of Science degree programs

1. A bachelor's degree or equivalent from an accredited college or university.
2. Adequate preparation in the field of proposed graduate study, as determined by the faculty in that field.
3. Satisfactory scores on the Aptitude Test and the Advanced Test of the Graduate Record Examination.
4. A satisfactory physical examination.

The Master of Science in Medical Illustration degree program.

1. A Bachelor of Science in Medical Illustration degree conferred by the College or an equivalent degree, as determined by the faculty of the Department of Medical Illustration, or, adequate preparation in the field of Medical Illustration, as determined by the faculty in that field.
2. A satisfactory admission examination.
3. A satisfactory physical examination.

The Master of Science in Nursing degree program

1. A Bachelor of Science in Nursing degree or its equivalent from an accredited college or university having a program comparable to the Bachelor of Science in Nursing program of the College.
2. Adequate preparation in the field of Nursing, as determined by the faculty in that field.

3. Evidence of current registration or licensure to practice nursing in one or more states.
4. Satisfactory scores on the Aptitude Test of the Graduate Record Examination.
5. A satisfactory physical examination.

Admission of Foreign Students

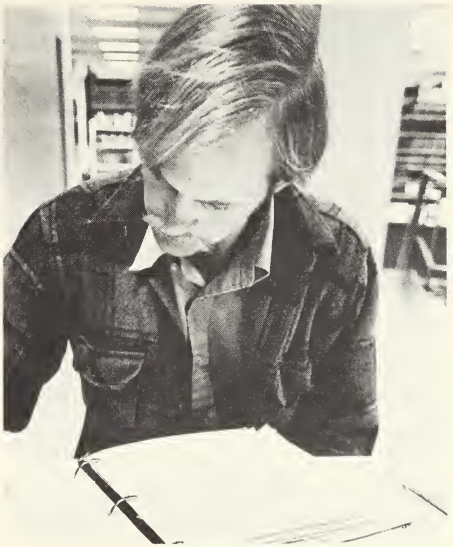
Graduates of foreign colleges and universities who meet the standards of admission as those described above may be considered for admission. Those interested should identify the country of citizenship and the desired field of study in an initial communication. In addition to the other entrance materials, the applicant must submit the result of the Test of English as a Foreign Language. Arrangements for this examination can be made by requesting information concerning examination and locations of examinations from the Educational Testing Service, Princeton, New Jersey 08540. Foreign applicants must start the process of securing admission at least six months before the beginning of the desired time of acceptance.

Application Procedures

Send (or direct) all application materials (application form, application, supplement, transcripts, physical examination report and GRE scores) and requests for financial aid to the Dean, School of Graduate Studies. A complete application consists of the following four items.

1. Complete Application Form and Application Supplement Form for those Seeking Admission to the School of Graduate Studies.

Make certain that in the References Section you give the names and com-



plete addresses of three professors qualified to assess your potential as a graduate student **in the field you have selected.** In addition, if you have already undertaken some graduate study, also give the name(s), title(s) and complete address(es) of the head(s) of the department(s) where you have been or are a graduate student. The School of Graduate Studies office will send Reference Report forms directly to the persons you designate. Make certain you include your social security number in the space provided (foreign nationals exempted) and that you complete both forms. Submission of a photograph is optional with the applicant.

2. Transcripts

Official transcripts of all previous and current college, graduate or professional studies must be received before applications are considered. Transcripts must be received directly from schools attended.

3. Physical Examination Report

Request the examining physician to make his report on the form supplied. Physical examination reports must be received directly from the physician making the examination.

4. **Graduate Record Examination (GRE) Scores**

The Aptitude Test and Advanced Test (either chemistry or biology) scores are required of all applicants except as follows: Applicants to the Master's program in Nursing will submit scores on the GRE Aptitude test. Applicants to the Master's program in Medical Illustration are required to take an Admission test administered by the Department of Medical Illustration in place of the Graduate Record Examination. Applicants should take the GRE in their senior undergraduate year as early as possible, preferably at one of the Fall administrations rather than Winter or Spring administrations. Indicate that you wish your scores to be sent to the Dean, School of Graduate Studies. Do not have your scores sent to a Department within the School of Graduate Studies.

Final selection of students for admission is subject to the discretion of the Dean of the School of Graduate Studies. Letters of acceptance will be sent by the Dean.

Registration

The academic program of the student is planned in consultation with the student's major advisor or with the student's major department chairman before selection of a major advisor. All students then begin registration at the School of Graduate Studies office before completion of registration at the Registration Center. Changes in registration are recognized and valid only if they have been made with the consent of the major advisor, the Dean, and the Registrar.

An applicant's registration and class attendance constitute an agreement on the part of the apllicant to comply with the rules and regulations of the College as published in the Catalog and other official publications of the College during the student's continued enrollment.

A student's continued enrollment in the School of Graduate Studies is subject to the decision by the Dean and other designated officers that academic grades and progress are satisfactory, that rules of the College are being complied with, and that the best interests of the school and of other students are being served.

Auditors may take graduate courses, but no academic credit is allowed. Auditors pay usual tuition and laboratory fees.

Fees and Expenses

Please see General Information section on Fees and Expenses, and for additional information on deposits, housing, insurance, fees and other costs.

Fees for graduate students enrolled for 12 quarter hours or more:

Matriculation Fee — $145.00 per quarter.

Non-Resident Fee (in addition to Matriculation Fee) — **$240.00 per quarter.** See General Information on State Residence Policy.

Fees for graduate students enrolled for less than 12 quarter hours:

Matriculation Fee — **$12.00 per quarter hour.**

Non-Resident Fee (in addition to Matriculation Fee) for students enrolled less than 12 quarter hours — **$20.00 per quarter hour.**

Scholastic Regulations

Classifications on Graduate Students

Students may be admitted to the School of Graduate Studies under either of the following classifications:

1. Regular Graduate Student. A student who is admitted to the School of Graduate Studies, and who wishes to earn an advanced degree. Such a student, however, is not specifically considered either a Doctoral or Master's student until he or she has met the requirements for candidacy for a particular degree. (See degree requirements below).
2. Special Graduate Student. A student who is admitted to the School of Graduate Studies and who does not wish to earn an advanced degree, or who is admitted conditionally and who may later be re-classified as a Regular Graduate Student upon satisfaction of such conditions as may be specified. Transfer from this category to "Regular Graduate Student" status is not automatic.

Examinations

Re-examinations especially in the Comprehensive, Preliminary, or Final Oral Examinations may be allowed if recommended by the examining committee and if the Dean concurs.

Grades

All credit is expressed in quarter hours. An academic year is composed of three quarters. A student must maintain an average of 3 or better (or Cr on 900 courses) in his chosen discipline. Only those other courses for which a grade of 2 or better is received may be credited toward satisfaction of any degree requirement. Students who receive the grade Incomplete will have one quarter in which to complete the work for the course and remove this grade or it will be changed to "0" automatically at the end of the first quarter following receipt of the "In". Students needing more than one quarter to remove the Incomplete must have written permission of the instructor with the concurrence of the Dean to present to the Registrar. Continuation of study in good standing in the School of Graduate Studies is contingent on the maintenance of a minimum cumulative weighted quality point average of 2.8 in the 600, 700, 800 courses. A student whose quality point average falls short of 2.8 will be automatically placed on academic probation in which case the student must maintain a weighted quality point average greater than 3.0 on 600, 700, and 800 courses for two consecutive quarters, in order to remove the probation. A graduate student will not be eligible for graduation unless his official College transcript shows that he has an overall weighted quality point average of 2.8 on all the 600, 700, and 800 (graduate) courses that he has taken at this institution.

The Graduate School discourages the retaking of courses to improve grades. Courses may be retaken only after approval of a petition to the Dean. Permission of the course instructor and department chairman is required before submission of the petition.

Grading System for the School of Graduate Studies

Grade	Description	Quality Points
For 600, 700 and 800 courses		
4	Passing, work of very good or excellent quality.	4
3	Passing, work of good quality, commendable, but not outstanding.	3
2	Passing, work of acceptable but not commendable quality. A majority of the student's grades must be above 2.	2
0	Failing, work of unsatisfactory quality.	0
For 900 courses		
Cr	Credit for participation in seminar (901-2-3) or credit for conduct of research (921 or 930)	Not computed
In	Incomplete	Not computed
Ncr	Performance in seminars or research of such quality that no credit is given.	Not computed
W	Withdrawn	Not computed

Graduate Credit

In no instance may a graduate student apply toward a graduate degree course credits earned in programs leading to professional degrees, i. e., M.D., M.B., D.D.S., D.M.D., D.V.M. or similar degrees. Only those students who are formally admitted to the School of Graduate Studies under one of the two classifications above may register for graduate courses.

No person on the faculty of the College having academic rank above Instructor may become a candidate for the Doctor of Philosophy degree at this institution.

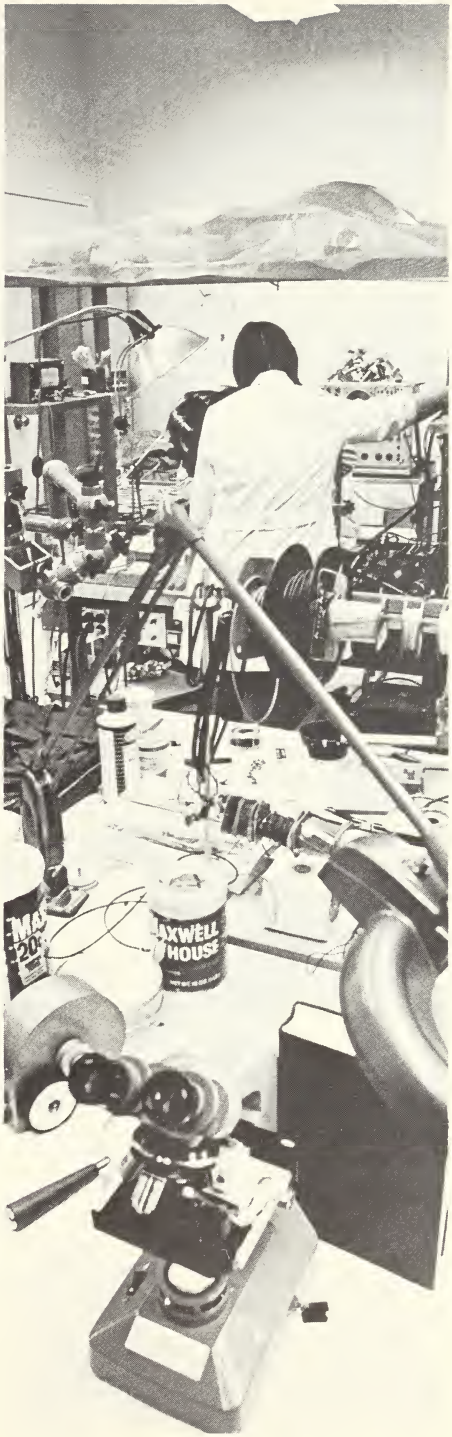
Acceptance of Graduate Credit by Transfer

Transfer of graduate credit is never automatic; any credits transferred do not reduce the residence requirement for any advanced degree.

In the case of a prospective Ph.D. candidate entering the School of Graduate Studies with a Master's degree from another institution, the candidate shall pass an examination on his major subject and thesis during the first quarter of residence if credit for any pertinent portion of the Master's coursework (30 quarter hours maximum usually allowed) is to be applied to the Ph.D. The transfer of any coursework beyond the Master's level is a matter for negotiation between the student, his major department and the Dean. In general, no more than 60 quarter hours may be transferred toward the Ph.D., under any circumstances.

At the discretion of the Dean and the faculty of the major department, up to ten quarter hours credit toward a Master's degree may be transferred.

In all cases any graduate coursework to be transferred must have the final approval of the Dean.



Major Advisor

Upon admission to a degree program a major advisor is selected for each student to assist the student in planning his program and to advise him concerning other academic matters. It is necessary that the student confer with the department chairman or his major advisor prior to his first enrollment in graduate work. The chairman or advisor must approve, prior to the student's enrollment, any course to be counted toward a degree.

Supervisory Committees

A supervisory committee will have the student's major advisor as chairman. At the proper time the chairman of the committee, after consultation with the student, will suggest to the department chairman the names of additional members of the faculty to serve as members of the student's supervisory committee. One or two members of the committee will be from outside the student's major department. The department chairman will recommend the committee to the Dean and the committee will then be formally appointed by the Dean if he concurs.

This committee will guide the student in planning his program of study and research. When a student submits his program of study (coursework outline), this committee will review it and indicate what modifications, if any, are necessary. This committee also will review, suggest revisions, and approve the student's plan of research (research proposal form). This committee must approve the program of study and the research plan before they may be submitted to the Dean for approval.

The readers copies of the student's Dissertation or Thesis will be distributed to the members of this committee, who will inform the Dean (Dissertation/Thesis approval form) whether or not they find it acceptable for the purpose of administering the Final Oral Examination. The Dissertation/Thesis approval form is due in the Dean's office six weeks prior to graduation. The supervisory committee will have the responsibility for administering the Final Oral Examination in consultation with the Dean. The Dean will be kept fully informed of the student's progress and receive the recommendation of the committee prior to each step in the process. The supervisory committee will have the responsibility for administering the Preliminary Examination. (See Degree Requirements, Doctor of Philosophy.)

Residence and Time Limit

The minimum requirement for the Doctor of Philosophy degree is three full academic years beyond the Bachelor's degree. It cannot be satisfied through summer work alone. At least three full consecutive quarters immediately prior to completion of degree requirements must be spent in residence on the campus. If the student has part-time duties (employment or a teaching assistantship), the residence requirements will be increased accordingly to provide the equivalent of three quarters of full-time study in residence. All coursework and other requirements for the Doctor of Philosophy degree except the Final Oral Examination must be completed within six consecutive calendar years.

The minimum residence requirement for all Master's degrees is one full academic year. All work credited toward a Master's degree must be completed within five consecutive calendar years.

Financial Aid

Fellowships, Traineeships, Assistantships

The fellowships and assistantships offered by the School of Graduate Studies are listed below. Further information concerning them is available from the School of Graduate Studies' office. Students should also write for the Student Financial Aids Bulletin. (See General Information.)

Medical College of Georgia Graduate Teaching Assistantships

These carry stipends of $200.00 per month and are awarded to outstanding students. Holders of these fellowships are required to enroll for not less than 12 hours per quarter. A minimum of one-third time in service is required.

National Defense Education Act Graduate Fellowships

These carry a stipend of $2400-$2800 per year plus a dependency allowance and provide Medical College of Georgia fees. Holders of these fellowships are required to enroll for full-time graduate study.

Requirements for Graduation

Doctor of Philosophy

1. **Graduate Study** / A minimum of three academic years of full-time graduate study beyond the Bachelor's degree is required.
2. **Residence** / A minimum of three consecutive quarters of full-time study or the equivalent in residence on this campus is required.
3. **Program of study and Research Proposal** / A program of study for the Ph.D. and research plan proposed as the basis for a dissertation which has been approved by the student's Supervisory Committee and the Dean is required.
4. **Foreign Languages and Research Techniques** / The student must demonstrate a knowledge of two appropriate tools of research. He may offer two modern languages; French, German and Russian are recommended. Another language or a research technique chosen from computer programming language or mathematical methods may be substituted if it has greater relevance to the candidate's program of study and is recommended by his supervisory committee. The native language may not be used to fulfill a language requirement; foreign students may be permitted to substitute English to satisfy one foreign language requirement.

   Note: These requirements are currently under study and may be changed. The student should consult with his major advisor regarding the foreign language requirements.
5. **Preliminary Examination** / Satisfactory performance on the Preliminary Examination is required. This examination is a rigorous and comprehensive test of a student's scholarly competence and knowledge, of his acquaintance with the scholarship in his field, and of his powers of bibliographical criticism. Dates for the administration of the examination will be set by the School. It is the joint responsibility of the student and his advisor, when, in their opinion, the student is prepared to take this examination, to petition the Dean in writing. The student must have submitted an approved program of study (coursework outline) for the Ph.D. before his is eligible to take the Preliminary Examination. The examination will be composed of four written portions given on successive days and it may have a

final oral portion. The written portion of the examination will be prepared by the student's supervisory committee under departmental supervision, will be administered by the department under the supervision of the Dean, and will be evaluated by the student's committee. The evaluation will be certified by the department chairman and the Dean. The student's major professor will inform the Dean with regard to scheduling the oral portion of the examination. The department chairman and the Dean are **ex-officio** members of the student's committee.

In the event of failure, the Preliminary Examination may be taken only once more after not less than six months of further study, if recommended by a majority of the examining committee and if the Dean concurs.

6. **Admission to Candidacy for the Doctor of Philosophy Degree** / A student will be admitted to candidacy for this degree by the Dean of the School of Graduate Studies when he has met requirements 3, 4 and 5 for this degree. A student may take various courses after admission to the School of Graduate Studies, but there is no commitment that these courses will be credited toward a degree until he is admitted to candidacy for an advanced degree. A student must be eligible for candidacy for the Ph.D. at least three quarters before the proposed graduation date.
7. **Application for Graduation** / Each candidate for a graduate degree must apply for graduation at the School of Graduate Studies' office and pay the appropriate diploma fee to the Registrar.
8. **Dissertation** / A dissertation based on original investigation which gives evidence of independent thinking, scholarly ability and critical judgment, and indicates familiarity with research methods and techniques is required. Directions for preparation of the dissertation are available in the School of Graduate Studies' office. At least 2 months before the proposed date of graduation, three typewritten readers copies of the complete dissertation must be submitted to the chairman of the student's supervisory committee. At least six weeks before the proposed date of graduation, the Dissertation Approval Form signed by the chairman and the committee indicating that the members of the committee have read the readers copy of the dissertation and find it acceptable for the purpose of examining the student will be forwarded to the Dean. The student will be held responsible, under the supervision of the chairman, for making all changes recommended by the committee.
9. **Final Oral Examination** / Satisfactory perforamance on the Final Oral Examination in which the student defends his dissertation before his Supervisory Committee is required. This examination is based primarily on the dissertation and the field of knowledge that constitutes the student's major subject. This examination is open to the public and all members of the Faculty are invited to attend.

   After a successful Final Oral Examination, three final copies of the dissertation must be deposited with the School of Graduate Studies at least 1 week prior to graduation. Each copy must bear the approval signature of the major advisor (chairman of the Supervisory Committee) and the Dean.
10. Satisfactory fulfillment of any additional requirement of the student's major department, or the institution is required.

    Additional requirements: Before a student's name can be included on the Ph.D. list, he is

required to complete a survey form for the Office of Scientific Personnel of the National Research Council. The completed form is obtained from and submitted to the School office.

Master of Science (Plan A)

1. **Graduate Study** / Forty-five quarter hours of graduate study beyond the Bachelor's degree is required. A minimum of thirty quarter hours must be allocated to graduate coursework in or related to the major field, at least ten of these hours to be in "800 level" courses.
2. **Residence** / One full academic year in residence is required.
3. **Program of Study and Research Proposal** / A program of study and a research plan proposed as a basis of a thesis, which has been approved by the Supervisory Committee and the Dean is required.
4. **Foreign Language** / Reading knowledge of one foreign language is required. French, German, English and Russian are recommended. Another language or a research technique chosen from computer programming language or mathematical methods may be substituted if it has greater relevance to the candidate's program of study and is recommended by his supervisory committee. The native language of the candidate may not be used to fulfill a language requirement; foreign students may be permitted to substitute English to satisfy the foreign language requirement.
5. **Admission to Candidacy for the Master of Science Degree** / A student will be admitted to candidacy for this degree by the Dean of the School of Graduate Studies when he has met requirements 3 and 4 for this degree. A student may take various courses after admission to the School of Graduate Studies, but there is no commitment that these courses will be credited toward a degree until he is admitted to candidacy for an advanced de-

gree. A student must be eligible for candidacy for the M.S. at least one quarter before the proposed graduation date.

6. **Comprehensive Examination** / Satisfactory performance on a comprehensive examination covering the major field of the student is required. This examination is administered by the faculty of the student's major department or the office of the Dean. The examination must be passed at least one quarter before the proposed date of graduation. The Dean will be notified when the comprehensive examinations are to be given and be informed of the results regarding the status of each student taking the examination on the Comprehensive Examination Form. These examinations may be written, oral, or both.

7. **Application for Graduation** / Each candidate for a graduate degree must apply for graduation at the School of Graduate Studies' office and pay the appropriate diploma fee to the Registrar.

8. **Thesis** / A thesis based on original investigation is required. Directions for preparation of the thesis are available in the School of Graduate Studies' office. At least two months before the proposed date of graduation, three typewritten readers copies of the completed thesis must be submitted to the chairman of the student's supervisory committee. At least six weeks before the proposed date of graduation, the Thesis Approval Form signed by the chairman and the committee indicating that the members of the committee have read the readers copy of the thesis and find it acceptable for the purpose of examining the student will be forwarded to the Dean. The student will be held responsible, under the supervision of the chairman, for making all changes recommended by the committee.

9. **Final Oral Examination** / Satisfactory performance on the Final Oral Examination in which the student defends his thesis before his Supervisory Committee is required. This examination is open to the public. After a successful examination, three copies of the final thesis must be deposited with the School of Graduate Studies at least one week prior to graduation. Each copy must bear the approved signatures of the major advisor (chairman of the Supervisory Committee) and the Dean.

10. Satisfactory fulfillment of any additional requirements of the student's major department, or the institution is required.

Master of Science (Plan B)

This degree is designed for those who have, or are in the process of earning, a professional degree such as the M.D., D.D.S. or D.V.M.

1. **Graduate Study** / Forty-five quarter hours of graduate study beyond the Bachelor's degree is required. A minimum of fifteen quarter hours must be allocated to advanced coursework (800 series) in or related to the major field. No course of the 600-700 series or an equivalent course, nor any course that the student used to satisfy any requirement for a professional degree or an equivalent course may be used to satisfy this requirement. Thirty quarter hours of the required forty-five are to be allocated to seminars (901, 902 and 903), problems (921) and research (930) for the thesis.

2. Satisfactory compliance with the remaining requirements for this degree which are indentical to requirements 2 through 10 inclusive for the Master of Science degree (Plan A) described above.

Master of Science in Medical Illustration

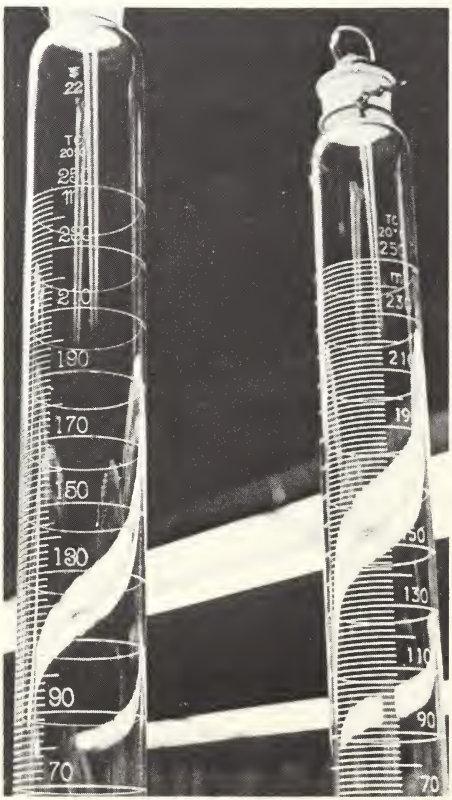
1. **Graduate Study** / Forty-five quarter hours of graduate study beyond the Bachelor's degree is required. A minimum of thirty quarter hours is to be allocated to coursework in or related to the major field.
2. **Residence** / One full academic year in residence is required.
3. **Program of Study and Graphic Project Proposal** / A program of study and an outline of the work proposed as a basis for a thesis or graphic project which has been approved by the Supervisory Committee and the Dean is required.
4. **Admission to Candidacy for the Master of Science Degree in Medical Illustration** / A student will be admitted to candidacy for this degree by the Dean of the School of Graduate Studies when he has met requirement 3 for this degree. A student may take various courses after admission to the School of Graduate Studies, but there is no commitment that these courses will be credited toward a degree until he is admitted to candidacy for an advanced degree. A student must be eligible for candidacy for the M.S.M.I. at least one quarter before the proposed graduation date.
5. **Application for Graduation** / Each candidate for a graduate degree must apply for graduation at the School of Graduate Studies' office and pay the appropriate diploma fee to the Registrar.
6. **Thesis or Graphic Project** / A thesis or graphic project is required. Directions for preparations of the thesis or graphic project are available in the School of Graduate Studies' office. At least four weeks before the proposed date of graduation, a readers copy of the completed thesis or project must be submitted to the chairman of the student's supervisory committee. At least two weeks before the proposed date of graduation the Thesis Approval Form signed by the chairman and the committee indicating that the members of the committee have read the readers copy of the thesis or project and find it acceptable will be forwarded to the Dean. Before signing the approval form, each member of the student's committee will be given full opportunity to question informally the student concerning any portion of the thesis or project with regard to such particulars as choice of techniques, specific knowledge of content, or quality of presentation.
7. **Final Oral Examination** / No formal oral in defense of the thesis or graphic project is required. This requirement should be satisfied as stated in 6. above. Three copies of the final thesis or graphic project must be deposited with the School of Graduate studies at least one week prior to graduation. Each copy must bear the approval signature of the major advisor (chairman of the supervisory committee) and the Dean.
8. Satisfactory fulfillment of any additional requirements of the student's major department or the institution is required.

Master of Science in Nursing

1. **Graduate Study** / Sixty quarter hours of graduate study beyond the Bachelor's degree is required. A minimum of thirty quarter hours must be allocated to graduate coursework in or related to the major field.
2. **Residence** / One full academic year in residence is required.
3. **Program of Study and Research Proposal** / A program of study and a research plan proposed as a basis

of a thesis, which has been approved by the Supervisory Committee and the Dean is required.

4. **Admission to Candidacy for the Master of Science Degree in Nursing** / A student will be admitted to candidacy for this degree by the Dean of the School of Graduate Studies when he or she has met requirement 3 for this degree. A student may take various courses after admission to the School of Graduate Studies, but there is no commitment that these courses will be credited toward a degree until he or she is admitted to candidacy for an advanced degree. A student must be eligible for candidacy for the M.S.N. at least one quarter before the proposed graduation date.
5. **Comprehensive Examination** / Satisfactory performance on a comprehensive examination is required. This examination must be passed at least one quarter before the proposed date of graduation; it may be written, oral or both.
6. **Application for Graduation** / Each candidate for a graduate degree must apply for graduation and pay the appropriate diploma fee.
7. **Thesis** / A thesis based on original investigation is required. Directions for preparation of the thesis are available in the School of Graduate Studies' Office. At least four weeks before the proposed date of graduation, three typewritten readers copies of the completed thesis must be submitted to the chairman of the student's supervisory committee. At least two weeks before the proposed date of graduation, the Thesis Approval Form signed by the chairman and the committee indicating that the members of the committee have read the readers copy of the thesis and find it acceptable for the purpose of examining the student will be forwarded to the Dean. The student will be held responsible, under the supervision of the chairman, for making all changes recommended by the committee.
8. **Final Oral Examination** / Satisfactory performance on the Final Oral Examination in which the student defends his thesis before his Supervisory Committee is required. This examination is open to the public. After a successful examination, three copies of the final thesis must be deposited with the School of Graduate Studies at least one week prior to graduation. Each copy must bear the approval signatures of the major advisor and the Dean.
9. Satisfactory completion of any required courses and fulfillment of any additional requirements of the student's major department, or of the institution is required.



Curriculum

Anatomy

Acting Chairman: Thomas F. McDonald, Ph.D.
Recommended preparation: An undergraduate major in zoology or a major in chemistry or physics with a minor in zoology (at least three basic courses).
Departmental requirements: Anm 701, 703, 807, and 812 are recommended courses in fulfillment of degree requirements in Anatomy.

Anm 701. Gross Anatomy. (10 hours.)
A lecture and laboratory course which requires dissection of the human body.

Anm 703. Neuroanatomy. (4 hours.)
A study of the gross and microscopic structure of the human nervous system and organs of special sense.

Anm 801. Comparative Vertebrate Morphology. (5 hours.)
A course in which the systems of the vertebrate body are considered phylogenetically. Various representative vertebrate animals are dissected.

Anm 802. Comparative Vertebrate Histology. (4 hours.)
A comparative study of the vertebrate tissues and organs.

Anm 803. Cytology. (5 hours.)
Physico-chemical study of protoplasm, cellular constituents, and their role in cell physiology.

Anm 804. Cytology and Cytogenetics. (4 hours.)
Methods and mechanics of cell division, structure and function of chromosome, nuclear and chromosome chemistry, genes, chromosomal aberrations.

Anm 805. Endocrinology. (4 hours.)
Consideration of comparative vertebrate morphology, function and interrelationships of the endocrine glands. Laboratory work includes a problem.

Anm 806. Microanatomic Technique. (3 hours.)
Basic principles and practices employed in the preparation of tissues for histological and histochemical examination.

Anm 807. Embryology. (5 hours.)
A study of the fundamental principles of mammalian embryonic development. Subject matter includes germ cell formation, fertilization, implantation, placentation, and morphogenesis of the various systems of embryos of various ages.

Anm 809. Fetal and Infant Anatomy. (4 hours.)
Dissection and study of the newborn.

Anm 810. Analysis of Development. (3 hours.)
Seminar for the review and discussion of recent literature in morphogenesis designed to broaden the concept of problems in development and differentiation.

Anm 812. Anatomy and Physiology of the Nervous System. (4 hours.)
Gross and microscopic anatomy of the central and autonomic nervous system; consideration of current research and special equipment for physiological and anatomical investigation.

Anm 813. Histology. (8 hours.)
A study of the cells, tissues and the organs of man as related to their function.

Anm 814. High Resolution Microscopy. (5 hours.)
A course on the use of light and electron microscopy for studying cellular detail in biological speciments. Emphasis is placed on preparing tissues for high resolution microscopy, on the proper operation of the light and electron microscope, on photomicrography, and on presentation of photographed material to an audience.

Anm 816. Histochemistry. (5 hours.)
Presentations of the basic aims, principles and procedures of histochemistry.

Anm 901, 902, 903. Seminar in Anatomy. (1 hour each.)

Anm 921. Investigation of a Problem. (Credit to be arranged.)

Anm. 930. Research (for Dissertation or Thesis). (Credit to be arranged.)

Anm 940. Analysis and Preparation of Scientific Papers. (2 hours.)
A course designed to improve the individual scientist's writing in regard to directness, comprehensibility, logical organization and precision of expression. Each participant will prepare a short journal article or an equivalent piece of writing during the course.

Cell and Molecular Biology

Chairman: Edward Bresnick

Graduate Program in Biochemistry

Recommended preparation: Courses at the college level in physics, mathematics through integral calculus, biology, organic chemistry through qualitative organic and a year of physical chemistry.

Bch 801-802. Biochemistry. (3 hours each quarter, Fall and winter quarters each year.)
A course sequence covering the chemistry and reactions of the constituents of living matter, metabolism and control mechanisms in whole organisms, organs, cells and subcellular systems, metabolic patterns and biosynthetic pathways.

Bch 803. Topics in Biochemistry. (3 hours. Spring quarter.)
Advanced treatment of selected topics which vary yearly.

Bch 804, 805. Experimental Biochemistry. (3 hours each quarter. Winter and spring quarters each year.)
The first course deals with the preparation and characterization of substances of biochemical significance. The second course includes experiments in biological oxidation, glucose metabolism, phosphatide and protein synthesis.

Bch 807. Chemical Kinetics. (3 hours. Fall quarter.)
Theories of reaction velocity and their application to the understanding of reaction mechanisms.

Bch 808. Physical Methods of Structure Determination. (3 hours. Fall quarter.)
Use of physical methods (UV, IR, NMR, ORD, ESR) to determine the structure of biochemically important monomers and ploymers.

Bch 809. Physical Biochemistry. (3 hours.)
Structure, properties, energetics, kinetics with particular reference to biopolymers. Three lectures, one conference, assigned readings and calculations.

Bch 825, 826. Biochemical Disorders in Disease. (2 hours each.)
The application of biochemistry to the investigation of metabolic and degenerative diseases.

Bch 830, 831, 832. Organic Reaction Mechanisms. (3, 3 and 2 hours, respectively, to be taken in numerical sequence.)
Modern theories of organic chemistry with emphasis on reaction mechanisms of biochemical interest.

Cmb 901, 902, 903. Seminar in Biochemistry. (1 hour.)

Cmb 921. Investigation of a Problem. (Credit to be arranged.)

Cmb 930. Research (for Dissertation and Thesis). (Credit to be arranged.)

Graduate Program in Microbiology

Recommended preparation: Adequate background in biology and chemistry, usually an undergraduate major in biology and a minor in chemistry, or a major in chemistry with a minor in biology.

Mib 701. General Microbiology: Bacteria and Immunity. (5 hours.)
Principles of microbiology presented with emphasis on microbial physiology and genetics. Fundamental aspects of immunity and immunology are also discussed.

Mib 702. Medical Microbiology: Bacteria, Viruses, Rickettsiae and Fungi. (5 hours.)
Principles of microbiology with emphasis on the pathogenic bacteria, viruses, rickettsiae and fungi. Properties of the commoner organisms of this type and methods for cultivation, isolation and identification. Mib 701 prerequisite.

Mib 703. Parasitology. (3 hours.)
Studies of the animal parasites of man and their mode of transmission.

Mib 801. Immunology. (3 hours.)
Biological, physical and chemical properties of antigens and antibodies; mechanisms of precipitation and agglutination reactions, cytotoxic reactions, medicated by antibody and complement; mechanisms of antibody formation; nature and mechanisms of hypersensitivity reaction and immunology and chemistry of blood group substance. Mib 701 prerequisite.

Mib 802. Bacterial Genetics. (5 hours.)
A consideration of nucleic acid metabolism and heredity in microorganisms including conjugation, transduction and transformation. Mib 701-702 prerequisite.

Mib 803. Virology. (3 hours.)
Studies of animal viruses, and newer techniques for cell culture and identification. Mib 701-702 prerequisite.

Mib 804. Mycology. (3 hours.)
Lectures and experimental studies of fungi pathogenic for man. Mib 701-702 prerequisite.

Mib 805. Immuno-chemistry. (3 hours.)
Advanced immunology with emphasis on the clinical aspects. Mib 801 prerequisite.

Mib 806. Microbial Physiology. (5 hours.)
Intermediary metabolism peculiar to microorganisms and its relationship to the effect of the chemical environment on the growth and death of microorganisms. Mib 701-702 prerequisite.

Mib 807. Epidemiology. (3 hours.)
Principles and methods of epidemiology investigation. Studies of the distribution and dynamic behavior of disease in the population including etiologic factors and modes of transmission and pathogenesis. Mib 701-702 prerequisite.

Mib 808. Cell and Tissue Culture. (3 hours.)
Principles and techniques of cell and tissue culture. Emphasis on tissue culture techniques used in the study of viruses, bacteria and immunologic problems.

Mib 810. Hematology. (3 hours.)
A consideration of fundamental hematologic concepts and practical laboratory procedures.

Mib 811. General Pathology. (3 hours.)
The course is intended to present the most important areas of general pathology to investigators in the biological field who do not have a medical background and wish to become acquainted with basic mechanisms of disease at the level of cells and tissues. In cooperation with the staff of the Department of Pathology.

Mib 812. Host-Parasite Relationship. (3 hours.)
This will be a series of lectures and seminars on the biochemical and immunological relationships between infectious agents and their hosts. In cooperation with the staff of the Department of Medicine.

Mib 813. Medical Entomology. (2 hours.)
Study of arthropods of medical importance with emphasis on the epidemiology of the arthropod-borne diseases.

Cmb 901, 902, 903. Seminar in Microbiology. (1 hour each.)

Cmb 921. Investigation of a Problem. (Credit to be arranged.)

Cmb 930. Research (for Dissertation or Thesis). (Credit to be arranged.)

Endocrinology

Chairman: Robert B. Greenblatt

Recommended preparation: Coursework in inorganic, organic and physical chemistry, qualitative and quantitative analysis, and in biological sciences including such courses as physiology, anatomy, histology, embryology, zoology, etc.

End 707. Introduction to Endocrinology. (1 hour.)
This course will give a general introduction to the concept of hormones, endocrine glands, and various mechanisms involved in regulation and control of endocrine secretion.

End 807. Clinical Aspects in Human Reproductive Physiology. (5 hours.)
The essentials in human reproduction and the application of present day knowledge in the promotion of fertility as well as fertility controls.

End 808. Human Cytogenetics. (3 hours.)
A study of the relationships between chromosome morphology, function and disease. Consideration of chemical and physical nature of the chromosome, chromosomal aberrations, ploidy, significant of sex chromatin, inheritance of chromosomal defects and genetics of cells in culture.

End 809 Human Cytogenetics — Laboratory Techniques. (3 hours.)
A laboratory study of methods used in human cytogenetics including methods for culture and chromosome analysis and somatic cells, sex chromatin, autoradiography, photomicrography, meiotic preparations and solid tissue culture.

End 810. Biochemical Methods in Endocrine Research. (3 hours.)
Work in specialized methods such as fractionation and individual estimation of steroids, determination of aldosterone, chromatography, and use of isotopes.

End 811. Laboratory Procedures in Clinical Endocrinology. (2 hours.)
Studies and experience in the estimation of 17-ketosteroids, 17-ketogenic steroids, pregnandiol, urinary gonadotropics, PBI pregnancy tests, estrogens.

End 812, 813. Chemistry of Steroids. (2 quarter sequence, 2 hours each.)
A survey of the chemical synthesis, degradation and general reactivity of various classes of steroids. Physical methods of characterization and methods of steroid determination are discussed with particular emphasis on steroids of biological importance.

End 814. Endocrinology. (4 hours.)
Clinical survey of the function of hypothalamus, pituitary, adrenals, gonads, thyroid and pancreas, and the diagnosis and treatment of endocrine disorders associated with these glands.

End 815. Endocrinology. (4 hours.)
A continuation of End 814 at an advanced level. Included is participation in the diagnosis, work-up, treatment and discussion of selected patients with various endocrine disorders.

End 816. Endocrinology. (4 hours.)
Prerequisites: End 814, 815.
Study of the structure and biological activity of hormones, introduction to concepts of hormone-receptor interaction, mechanism of hormone action, special topics.

End 817. Reproductive Physiology. (4 hours.)
A biologically oriented course dealing with spermatogenesis, ovulation, fertilization, implantation and pregnancy.

End 818. Population Explosion and Contraception. (2 hours.)
This course will survey the problems of population explosion in the United States and around the world and discuss the safety and efficiency of current methods of contraception.

End 819. Comparative Endocrinology. (4 hours.)
Consisting of fine structure and histology of endocrine glands and correlating this with function in man and other species.

End 901, 902, 903. Seminar in Endocrinology. (1 hour each.)

End 921. Investigation of a Problem. (Credit to be arranged.)

End 930. Research (for Dissertation or Thesis). (Credit to be arranged.)

Medical Illustration

Chairman: Orville A. Parkes

Recommended preparation: See the requirements for admission to the graduate program in Medical Illustration.

Mil 801. Advanced Techniques of Medical Illustration. (10 hours.)
Advanced training in the techniques and mediums of the medical illustrator in depicting major operative procedures, endoscopic examination and ophthalmological conditions and procedures.

Mil 802. Department Development and Administration. (1 hour.)
Instruction is given in how to institute or develop a department of medical illustration, the photographic and art materials and equipment necessary in such departments, recommended types of clerical forms and records and departmental responsibilities and the general administration of a department.

Mil 803. Interpretive and Reconstructive Drawing. (2 hours.)
This course correlates the study of pathology and art in the drawing of

autopsy and fixed specimens and the reconstructional drawing of specimens as they appeared during life. The diagrammatic representation or conditions of organs and the physiological effect on other organs as a contributing factor in death is depicted in such drawings.

Mil 804. Scientific Exhibit Production. (1 hour.)
The methods of planning a scientific exhibit from the first discussions to the final presentation is covered. This involves a scale drawing or mock-up of the exhibit as well as discussion of various types of cabinet work, lettering and back-lighting of transparent materials.

Mil 805. Television Production. (1 hour.)
Equipment used and methods of producing television presentations will be covered in this course. Graphics, animation and programming will be emphasized.

Mil 811. I, II. Pathology — General Pathology. (16 hours.)
The basic principles of pathology and the important general and systemic manifestations of disease.

Mil 812. Clinical Pathological Conference. (No credit.)
Gross and microscopic pathological findings are used in the evaluation and analysis of case histories of individual patients.

Mil 928. Medical Illustration — Graphic Projects. (15 hours.)
The presentation of a selection of examples from the educational experiences encountered in the overall program while in residence. Where possible, individual concepts will be developed by each student in demonstrating these categories, which include the following: Surgical Drawing, Pathology, Dentistry, Anatomy, Exhibits, Statistics, Commercial Medical Illustration, Tri-dimensional Models, Diagrammatic Representation, Medical Photography, Television Graphics, Plastic Embedment, Prosthetics.

Mil 930. Medical Illustration — Thesis. (15 hours.)
A written and illustrated thesis may be substituted for Mil 928 should the candidate for a degree so desire.

Nursing

Associate Dean for Graduate Studies: M. Eugenia Lee

Recommended preparation: An undergraduate major in nursing, including the behavioral, physical and biological sciences. Experience in nursing leadership is also required for admission to the major in nursing administration.

Registration for courses: Students admitted to the Graduate Program in Nursing register and matriculate for courses at the Medical College of Georgia and also register for courses at the University of Georgia at Athens during the first quarter for the Program, that is the Summer Quarter.

Nsg 621. Group Dynamics. (5 hours.)
A review of the development of research on processes in the small face-to-face group, with emphasis on motivational forces involved. The family as a small group. Peer and work groups. Structural-functional analysis, symbolic interactionism. Experiments in group interaction.

Nsg 701. Scientific Foundations and Nursing. (7 Quarter Hours. Fall Quarter.)
The study of selected principles from the behavioral and biological sciences having common applicability to nursing practice. Clinical and field experiences will permit students to test the principles presented. This course is foundational to graduate level specialization in nursing.

Nsg 703. Medical-Surgical Nursing. (7 hours. Winter quarter. Prerequisite: Nsg. 701.)
Application of knowledge in improving skills characteristic of the practice of professional nursing. Selected experiences provide for intensive study of individual patient needs and direction of care of nursing clients.

Nsg 704. Practicum: Teaching Medical-Surgical Nursing. (5 hours. Spring quarter. Prerequisites: Nsg 701 and 703.)
The student is provided opportunity to participate in course and curriculum development and to observe and participate in teaching clinical nursing. The teaching-learning experiences for each graduate student are selected by the student and a teacher in terms of identified purposes and goals for delivery of nursing care services.

Nsg 705. Practicum: Clinical Specialization: Medical Surgical Nursing. (5 hours. Spring Quarter. Prerequisites: Nsg 701 and 703.)
Opportunities are provided for the student: to demonstrate skill in enabling patient(s) to accept and participate in action to enable his progress toward optimism wellness; to participate in health team planning through collaboration and nursing intervention; to assume a catalytic role as change agent in the delivery of nursing care services.

Nsg 720. Mental Health and Psychiatric Nursing. (5 hours. Fall quarter.)
Investigation of psychoanalytic concepts in relation to normal growth and development and to the dynamics of personality development. There is concurrent application of the theoretical content to an operational point through planned experiences.

Nsg 721. Mental Health and Psychiatric Nursing. (7 hours. Winter quarter. Prerequisite: Nsg 701.)
Psychopathology as a unique life situation. There is concurrent clinical extension of theory in selected facilities. Explanation of the process of psychotherapy and the therapist role is initiated in the course.

Nsg 722. Practicum: Teaching Mental Health and Psychiatric Nursing. (5 hours.Spring quarter. Prerequisites: Nsg 701 and 721.)

Nsg 723. Practicum: Clinical Specialization, Mental Health and Psychiatric Nursing. (5 hours. Spring quarter. Prerequisites: Nsg 701 and 721.)

Nsg 740, 741. Seminar in Nursing Administration. (3 hours Fall and 4 hours Winter quarters.)
Application of concepts and principles of administration and personnel management in the nursing service situation. The case method is used for added realism in problem solving.

Nsg 742. Practicum in Nursing Administration. (5 hours. Spring quarter.)
Observation of, and limited participation in the administration of a nursing service department. The experience is guided by a preceptor, in an agency selected jointly by the student and major professor. Field conference of students, faculty and agency personnel permit the exchange of ideas related to field problems. Prerequisites: Nsg 740 and 741.

Nsg 780. The Growing Health System. (2 hours. Summer quarter.)
Causes and directions of changes in the health system of the United States. Consideration of the meaning of such changes to nursing of the present and future.

Nsg 781. Advances in Clinical Practice. (2 hours. Fall quarter.)
Consideration of human and technological factors influencing change in clinical nursing practice. Exploration of the present and potential contribution of clinical research to nursing practice.

Nsg 782. Education for Nursing Practice. (2 hours. Winter quarter.)
Historical development of the university; the role of the university in society; and the potential of the growing education system for the preparation of nursing practitioners.

Nsg 783. Nursing, the Advancing Profession. (2 hours. Spring quarter.)
Nursing as a profession compared and related to other professions. The future of nursing as a profession and its meaning for the individual member.

Nsg 802. Research and Statistics. (6 hours. Fall quarter.)
The use of selected concepts in research methodology and statistical analysis in the design, implementation and critique of simple research studies in nursing.

Nsg 921. Investigation of a Problem. (Credit to be arranged.)

Nsg 930. Research. (5 hours.)

Ect 800. Fundamentals of Curriculum. (5 hours. Summer quarter.)
(Given at the University of Georgia).
Study of the nature, function and evaluation of curricula in education. Four courses in education prerequisites.

Epy 700. Educational Tests and Measurement. (5 hours. Summer quarter.)
(Given at the University of Georgia).
Nature and function of measurement in education; teacher-made and standardized tests and scales, introductory statistical concepts of measurements. Four courses in education prerequisites.

Man 797. Organization Theory. (5 hours. Summer quarter.)
(Given at the University of Georgia).
The functioning of organizations and the factors making for differences in functioning from one organizational situation to another. First stress will be given to research findings about organizational relationships, but the primary focus will be on the consequences of these findings for effective management.

Psy 664. Advanced Social Psychology. (5 hours. Summer quarter.)
(Given at the University of Georgia).
Development and importance of lan-

guage and communication in social behavior; concepts and methods of studying decision-making; the role of motivation, frustration and conflict in social processes.

Soc 611. Social Organization. (5 hours. Summer quarter.)
(Given at the University of Georgia). A study of the basic principles of social organization including an examination of how groups and complex organizations such as associations, communities and societies are structured and how they function as structures.

Soc 627. Personality and Social Structure. (5 hours. Summer quarter.)
(Given at the University of Georgia). Foundation and development of personality; mechanism of integration and adjustment; roles of culture, groups and language; concepts of self; types of theories of personality; divergent personalities.

Soc 635. The Community. (5 hours. Summer quarter.)
(Given at the University of Georgia). A study of the community as a unit of social organization. Contemporary trends in community organization and planning.

Physiology

Acting Chairman: Larry J. O'Brien, Ph.D.

Recommended preparation: Chemistry, through organic and quantitative analysis; an introductory course in zoology; one course each in comparative anatomy and embryology; a full year in physics and mathematics through differential and integral calculus.

Phy 601. Physiology. (6 hours. Fall quarter.)
A basic graduate course in physiology for non-majors in physiology.

Phy 701, 702, 703. Survey of Physiology. (6, 6 and 4 hours respectively.)
Electrophysiology, muscle and cardiovascular physiology; respiratory, fluid and gastrointestinal physiology, metabolism, endocrine physiology; neurophysiology.

Phy 800. General Physiology. (5 hours.)
Selected topics in general and cell physiology with emphasis on the role of metabolism, membrane functions and environmental factors will be considered in lecture and seminar. Phy 701, 702, 703 or by permission prerequisites.

Phy 801. Introductory Biophysics. (3 hours.)

Phy 802. Cardiodynamics. (3 hours.)
Physiology of the heart, including structure, development, action as muscle, and dynamics of its pumping action.

Phy 803. Peripheral Circulation. (3 hours.)
A study of the architecture and hemodynamics of peripheral vasculature.

Phy 804. Muscle Physiology. (3 hours.)
General characteristics of muscle action and differences between the three types of muscle.

Phy 805. Blood Flow Regulation. (3 hours.)
A study of the determinants affecting cardiac output and peripheral flow, with consideration of the techniques for measuring the flow.

Phy 806. Respiration. (3 hours.)
The mechanics and regulation of human respiration with consideration of practical techniques for the measurement of ventilation.

Phy 807. Body Fluid Regulation. (3 hours.)
A study of current and classical literature dealing with fluid regulation with particular emphasis on renal mechanisms for volume and composition control.

Phy 808. Cortical Potentials. (3 hours.)
Properties of continuous and evoked potentials and their interactions. Relationship of cortical unit activity to cortical potentials. Phy 701 and 703 prerequisites, and by permission.

Phy 809. Motoneuron Physiology. (3 hours.)
Electrical properties of surface membranes; excitatory and inhibitory reactions and their mechanisms; properties of the spike potential; interaction of synaptic responses. Phy 701 and 703 prerequisites, and by permission.

Phy 810. Hemodynamics. (3 hours.)
Blood flow and the force that produces it, including reservoir function of large arteries and measurement and regulation of cardiac output.

Phy 811. Physiology of Reflexes. (3 hours.)
A guided survey of the literature pertaining to reflex and synaptic physiology. Course is conducted as a seminar with students giving oral reports on assigned topics. Phy 701 and 703 prerequisites, and by permission.

Phy 812. Neurophysiology. (6 hours. Fall and Spring.)
A guided survey of the experimental literature of major topics in neurophysiology. Course conducted as seminar with oral analysis of assigned papers and topics. Phy 701, 702, 703, Anm 703 and permission of instructor prerequisites.

Phy 813. Electrophysiology. (5 hours.)
Theoretical basis of electrophysiological phenomena; recording apparatus and technique; and the electrophysiology of cells tissues and excitable structures.

Phy 814. Biological Transport. (5 hours.)
A seminar study of the physiology of membrane transport. Systems studied will include erythrocytes, kidney, intestine and other relevant cells and tissues.

Phy 815. Radioisotopes in Biological Research. (3 hours.)
The theory, utility and methodology for the use of radiosotopes in biological research.

Phy 901, 902, 903. Seminar in Physiology. (1 hour each.)

Phy 921. Investigation of a Problem. (Credit to be arranged.)

Phy 930. Research (for Dissertation or Thesis). (Credit to be arranged.)

Pharmacology

Chairman: Raymond P. Ahlquist, Ph.D.

Recommended preparation / Major training in at least one of the following fields: zoology, anatomy, microbiology, physiology, biochemistry, botany, mathematics and electronics. Courses in several of the fields other than the major field are desirable.

Phm 701. General Pharmacology and Toxicology. (7 hours.)
Studies in pharmacodynamics, pharmacotherapeutics, toxicology, posology, and prescription writing.

Phm. 711. Cryopharmacology. (3 hours.)
The biophysics of freezing injury and the use of cryoprotective drugs. Consent of instructor prerequisite.

Phm 801. Molecular Pharmacology. (3 hours.)
Mechanism of achieving a biological effect through the chemical interaction of a drug with a biological receptor. Phase I or Bch 801 and Anm 813 or consent of instructor prerequisites.

Phm 802. Special Methods in Pharmacological Research. (3 hours.)
Physiological and biochemical methods employed in pharmacological investigations.

Phm 803. Neuropharmacology. (2 hours.)
Selected topics related to the action of chemical agents on the nervous system.

Phm 804. Advanced Pharmacology. (2 hours.)
Research objectives in pharmacology. Current concepts and trends in pharmacological research.

Phm 805. Mechanisms of Drug Toxicity. (3 hours.)
A study of the adverse effects of drugs on organ systems and metabolic pathways. Phm 701 or consent of instructor prerequisite.

Phm 806. Drug Induced Teratogenesis. (3 hours.)
Consideration of theories of drug induction of congenital malformations in the mammalian fetus. Experimental methods of evaluating drug teratogenicity will be studied. Consent of instructor prerequisite.

Phm 807. Peripheral Cholinergic Mechanisms. (3 hours.)
Investigations of the role of acetylcholine in the function of the autonomic nervous system. Phm 701 or Phy 701 or consent of instructor prerequisite.

Phm 808. Catecholamine Role in Adrenergic Mechanisms. (3 hours.)
Studies on the cellular and molecular systems involved in catecholamine activity. Phm 701 or Phy 701 or consent of instructor prerequisite.

Phm 809. Cardiovascular-Renal Pharmacology. (3 hours.)
Evaluation of the interrelationships of the action of drugs on the heart, peripheral circulation, and renal function. Phm 701 or Phy 701 or consent of instructor prerequisite.

Phm 901, 902, 903. Seminar in Pharmacology. (1 hour each.)

Phm 921. Investigation of a Problem. (Credit to be arranged.)

Phm 930. Research (for Dissertation or Thesis). (Credit to be arranged.)

Statistics

Charles B. Bragassa: Assistant Professor of Data Processing.

Sta 601. Computer Principles and Programming. (3 hours. Prerequisite: Graduate status or equivalent.)
General components of computers, flowcharting, keypunching, program coding and testing with the FORTRAN IV language and IBM system 360 computer. No prior knowledge of data processing is required.

Sta 602. Intermediate Fortran Programming. (3 hours. Prerequisite: Sta 601 or consent of instructor.)
Imput/Output using disk and tape; variations of reading, writing and information storage; advanced features of FORTRAN subprograms; use of Scientific Subroutine Package.

Sta 603. Advanced Fortran Programming. (3 hours. Prerequisite: Sta 602 or consent of instructor.)
Direct access I/O, multiphase and complex programs, assembly language subprograms, use of Autoflow and Scientific Subroutine Packages, program optmization, special project.

Sta 801. Introductory Statistics. (5 hours. Prerequisite: College algebra or consent of instructor.)

General principles and methods of statistics as applied to biological research. Fundamental concepts including probability, frequency distributions, randomization, t tests, Chi-square, analysis of variance, linear regression and correlation.

Sta 802. Multivariate Analyses. (3 hours. Prerequisite: Sta 801, Sta 601 or consent of instructor.)
Analysis of variance (4 forms), multiple and partial regression, multiple and partial correlation.

Sta 803. Experimental Design And Parametric Vs Non Parametric Methods. (3 hours. Prerequisite: Sta 802, Sta 601 or consent of instructor.)
Non-linear regression, analysis of covariance, non-parametric statistics, miscellaneous methods and techniques, experimental design and analysis.

The School of Nursing

School of Nursing Calendar 1972-1973

Fall Quarter, 1972	
August 18	Last day to file applications for new admission
September 12	Residence Halls Open
September 13	Orientation and Registration
September 14	Registration
September 15	Exemption Exams (optional) in U.S. and Georgia History and U.S. and Georgia Constitutions
September 18	Classes begin
September 20	Last day for late registration and class changes
October 25	Midterm
November 22-26	Thanksgiving recess
December 1	Last day of classes
December 4-8	Examinations
December 8	Term ends
Winter Quarter, 1973	
December 8	Last day to file applications for new admission
January 2	Registration
January 3	Classes begin
January 3	Exemption Exams (optional) in U.S. and Georgia History and U.S. and Georgia Constitutions
January 5	Last day for late registration and class changes
January 6	Saturday will be a regular class day for the Monday schedule through the 9th period
February 6	Midterm
March 9	Last day of classes
March 9-10, 12-14	Examinations
March 14	Term ends
Spring Quarter, 1973	
February 23	Last day to file applications for new admission
March 19	Registration
March 20	Classes begin
March 22	Last day for late registration and class changes
April 20	Midterm
May 25	Last day of classes
May 25-26, 28-30	Examinations
May 30	Term ends
June 2	Graduation
Summer Quarter, 1973	
May 18	Last day to file new applications
June 11	Registration
June 12	Classes begin
June 13	Last day for late registration and class changes
July 4	Independence Day Holiday
July 13	Midterm
August 17	Last day of classes
August 17-18, 20-22	Examinations
August 22	Term ends

School of Nursing

Dean: Dorothy T. White, M.A., Ed.D.
Associate Dean: M. Eugenia Lee, B.S.N., Ed.D.
Associate Dean: Elizabeth R. Erlandson, B.S., Ed.M.
Associate Dean: Philip E. DeLorey, A.A.S., B.S.N., M.Ed.

The Baccalaureate Program in Nursing

The administration and faculty believe that nursing is a significant force in the total health care of all people, and that it is through guided experiences in the preventive, curative, and rehabilitative aspects of nursing that students are able to develop a comprehensive concept of the health needs of people. It is believed that a planned program of general education extending through four academic years, combined with professional courses, aids students in learning more effectively.

The School of Nursing accepts as its aim the selection and training of young men and women who have the potential for development within our educational environment as enlightened and contributing citizens and as professional nurses. Through the use of the problem-solving approach and our planned experiences, the graduate is expected to become a purposeful, thinking, self-directed member of the professional society, able to identify and analyze data objectively, and to make critical judgments on the basis of principles in both personal and professional roles.

It is expected that graduates of the College program can work effectively with other disciplines in the care of patients. The graduate is prepared to plan, execute, and evaluate the nursing needs and care of individuals in the community; to function as a beginning professional practitioner in any field of nursing, including public health. She has had guided learning experiences in management and leadership, and with experience, the graduate with potential may move into head nurse positions. The graduate may, if ability and achievement warrant, prepare through graduate courses for positions in teaching, administration, supervision, research or other areas.

Objectives

The objectives of the program are to provide appropriate learning experiences which enable students:

1. To develop attitudes, professional and intellectual abilities involving the use of communications skills, leadership and helping skills, general and scientific knowledge of such breadth as will make possible developments of competencies in the practice of rehabilitative, preventative, and creative nursing and as will provide a sound basis for future specialization.
2. To appreciate the dynamic contribution of nursing to health goals, and their implementation for society and to develop those participatory skills essential to accepting responsibility on the health team.
3. To promote understanding of self, personal growth, and the development of creative ability in order to live more happily as well as to attain and maintain health for oneself and others.
4. To develop critical attitudes and skills, in evaluation and problem solving as a basis for effective nursing practice and as a basis for contributing to the development of professional nursing.
5. To understand some aspects of the major religious philosophies and practices as they relate to personal and spiritual growth and to nursing patients and families.

Accreditation

The School of Nursing is accredited by the National League for Nursing, and is a member agency of the Department of Baccalaureate and Higher Degree Programs.

The program also is approved by the Board of Examiners of Nurses for Georgia. Graduates are eligible to take the state licensing examination, successful completion of which entitles the nurse legally to practice nursing and to use the title "Registered Nurse" (R.N.).

Admission Requirements

Preference will be given those applicants who have demonstrated superior ability in all areas: academic, health and personal. In addition to general requirements of the college applicants must meet the following:

Age: The minimum age is 16 for admission to the freshman year of the School of Nursing.

Personal Interviews: Appointments for personal interviews should be made by writing to the Dean of the School as soon as the applicant becomes interested.

Academic Criteria

Preference will be given the applicant who has demonstrated superior academic ability. The applicant must present evidence of graduation from an accredited high school or its equivalent. Preference will be given the applicant to undergraduate programs who has emphasized high school subjects in the areas of physical, biological and social sciences and mathematics. The entering freshman must present credentials to indicate completion of the following high school credits from an accredited high school:

	Units
English	4
Mathematics (must include one unit of algebra	2
Sciences (general biology, chemistry, physics	2
Social studies (one unit of American History)	2
Other academic units	4
Unrestricted electives	2

High school level test of General Education Development will not be accepted unless accompanied by a state high school diploma.

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained from the office of the Admissions Counselors. Application for each entering class must be filed no later than twenty-one days prior to registration. Early application fee is required.

Transcripts from all high schools and/or colleges attended are part of the application and are necessary to determine admission and placement. CEEB-SAT scores are also part of the application and should be sent by Educational Testing Service or on the official transcripts.

Those applicants who are already Registered Nurses must, in addition, submit State Board Examination Scores and their School of Nursing transcript.

Financial Aid and Employment Opportunities

For information on financial assistance, see the General Information section. The student Financial Aid Bulletin may be obtained by writing to the Financial Aid Office. This brochure includes information regarding Federal Traineeships under Public Law 88-851, Title 8, Section 821. Students interested in applying for part-time employment in the hospital should contact the Director of Nursing Services, Teaching Hospital.

Students may enroll in the student Army or Navy Nurses Corps beginning with either the junior or senior years. There is a liberal financial reward to corps members.

An application form on which you may apply for any of the other programs listed in the brochure may be secured by writing the Financial Aid Office.

Student Organizations and Activities

Students in the School of Nursing, like students of Augusta College, participate in the activities and organizations on that campus.

An Honors Society, a forerunner of Sigma Theta Tau, the National Honor Society of Nursing, was organized in 1969.

In addition to the regular activities at the College, students in Nursing belong to class organizations and the Student Nurses Association, this includes membership in the State and National organizations.

Facilities, General Education and Professional

The general facilities of Augusta College, combined with those of the Medical College, offer excellent opportunities for a balanced program of liberal and professional education. Coordinated planning makes possible the inclusion of upper division courses in general and supporting educational areas, as well as the building of the nursing major on a known base of general education.

In addition to facilities for instruction as listed in the General Information, of this Catalog, the School of Nursing utilizes other agencies as necessary: Gracewood State School and Hospital, Veterans Administration Hospitals, University Hospital, Augusta Regional Hospital, industries, nursing homes, day and nursery schools, and others.

Selection is made on the basis of their contribution in helping give the student a better understanding of continuity of patient care and total health planning.

Fees and Expenses

Estimated Student Expenses Per Academic Year	First Year	Second Year	Third Year	Fourth Year
Matriculation fee*	435	435	435	435
Fees-Health**	30	30	30	30
Activities	30	30	30	30
Books & Supplies	130	130	130	130
Uniforms	—	200	—	—
Housing***	330	330	330	330
Food	600	600	600	600
Personal (Laundry, entertainment, travel, etc)	450	450	450	450
Totals	2,005	2,205	2,005	2,005

* Non-resident tuition (in addition to matriculation fee) $720 per year. ($240 per quarter). Matriculation fee is $145 per quarter.

** Fees-Health is $10 per quarter. Activities fee is $10 per quarter.

*** See General Information section for the cost of various on-campus housing options. See General Information section for hospitalization and Life Insurance costs.

Curriculum

The School of Nursing offers a four-year, 12-quarter, academic program leading to the degree of Bachelor of Science in Nursing.

The courses in general education and supporting areas are offered throughout the program with the exception of two quarters. They are planned to contribute to the professional courses and to the offering of a sound, integrated four-year program. It is the purpose of the School of Nursing to develop a curriculum which aids in the development of the individual personally, as a citizen and as a professional nurse. The outlined curriculum is subject to change without notice.

Courses are to be taken in outlined sequence unless otherwise approved by the Dean of her designee. All course requirements for the first three years must be completed before beginning the senior year.

General education courses for undergraduate students

The College is a state supported unit of the University System of Georgia. Being a professional education institution, the College does not maintain faculty for teaching general education courses in the liberal arts and sciences. Augusta College has been designated to assume the responsibility for offering general education courses for all baccalaureate students registered at the College. Credits and grades for such courses are accepted by the College directly from this institution as though the courses were taught on the College campus. The student must be registered at this institution while taking the courses. Arrangements for the first year of work are also made with certain other institutions within the system.

Lower Division general education courses number 100 through 399 are offered by Augusta College. These courses will be recorded on transcripts issued by the Medical College with the code designation of "AC" indicated.

First Year

Fall Quarter

			Quarter Hours
Eng	101	Composition I	5
Che	105	General Chemistry	5
His	211	History: American or	
	or		
	115	Western Civilization	5
Nsg	131	Introduction to Mental Health	1
Ped		Physical Education	1

Winter Quarter

Eng	102	Composition II	5
Chm	245	Biochemistry	5
Bio	111	Human Anatomy and Physiology I	5
Nsg	132	Introduction to Mental Health	1
Ped		Physical Education	1

Spring Quarter

Pol	101	American Government	
	or		
His	116	Western Civilization	5
Psy	101	Introduction to Psychology	5
Bio	112	Human Anatomy and Physiology II	5
**Math	101	College Algebra	
Nsg	133	Introduction to Mental Health	1
Ped		Physical Education	1

Second Year

Fall Quarter

Soc	101	Introduction to Sociology	5
Bio	211	Microbiology	5
Edu	304	Educational Psychology	5
*Nsg	201	Nursing as a Profession	2

Winter Quarter

Anm	321	Advanced Human Anatomy and Physiology	5
Nsg	204	Nutrition Principles	3
*Nsg	243	Adult Nursing I	11

Spring Quarter

Nsg	230	Principles of Teaching	3
*Nsg	244	Adult Nursing II	10
Soc	203	The Family	5

Third Year

Fall Quarter

Ed	302	Human Development	5
*Nsg	332	Mental Health and Psychiatric Nursing	9

Winter Quarter

*Nsg	343	Maternity and Newborn Nursing	10
Elective		Literature, mathematics, or other course	5

Spring Quarter

*Nsg	344	Nursing of Children	11
Elective		Literature, mathematics, or other course	5

* If approved, these courses may be validated by examination (this may also apply to certain general education courses).

** Pre-test in Mathematics, successfully passed, may be substituted for Math 101; however enrollment advised. If course taken, 5 hours of credit may be used as an elective.

Fourth Year

Fall Quarter

Phy	101	Introduction to Philosophy	5
Nsg	403	Senior Nursing Seminar and Practicum	10

Winter Quarter

Nsg	415	Community Nursing	12

Spring Quarter

Nsg	453	Nursing Trends	4
Nsg	470	Principles of Management and Leadership	12

Throughout the program and largely in the clinical courses, an application of principles from the social-physical and biological sciences, as well as health concepts including mental health, geriatrics, nutrition and diet therapy, patient and family teaching, interpersonal relationships and communication skills, pharmacology, epidemiology, biostatistics, disaster nursing, occupational health, environmental factors, and rehabilitation skills will be integrated.

All clinical nursing courses include laboratory practice in the clinical setting.

Course Descriptions

For description of courses other than nursing, refer to the Augusta College Bulletin.

Nsg 113. Nursing History. (2 quarter hours; Fall and Spring.)
A consideration of the historical development of nursing, including an analysis of the socio-economic and cultural influences affecting its evolution.

Nsg 130. Introduction to Mental Health. (Freshmen year of student's program — One quarter — third quarter; Two quarter credit hour course which includes fourteen hours of class content and seminars and eight hours of clinical experience.)
This is an introductory course which has as its primary focus human behavior of well individuals. The major purpose of this course is to involve beginning students in nursing in such a way that they will come in contact with nursing and the community. Classes will be used as a laboratory to stimulate student involvement.

Nsg 201. Nursing as a Profession. (2 quarter hours; Fall.)
An orientation to the field of professional nursing with emphasis on the role of the individual in a profession, and the nursing profession in society.

Nsg. 203. Science for Nursing. (4 quarter hours; Fall and Winter.)
A course designed to help the student integrate principles from the physical and biological sciences into meaningful concepts which underlie man's physiologic responses in health and stress.

Nsg 204. Nutrition Principles. (3 quarter hours; Fall and Winter.)
A study of the basic principles of nutrition and their application to the

planning of diets for individuals and families. The problem solving approach is used in the identification and application of physical and chemical factors involved in digestion and metabolism of food in relation to specific patient-family nutritional problems.

Nsg 230. Principles of Teaching. (3 quarter hours; Fall and Spring)
A study of educational philosophy, principles and teaching-learning methods and their broad application to the development of teaching materials, and to guidance of the learning of individuals and groups.

Nsg 243. Medical-Surgical Nursing I. (10 quarter hours; Winter and Spring 6 hours content; 4 four hour laboratory periods)
A course designed to enable the student to acquire necessary knowledge, psychomotor skills and effective behaviors and to use problem-solving methodology to organize and utilize nursing and related knowledges for the nursing care of the individual adult patient. Learning experiences are selected to provide limited problems and stimuli and to be within the role expectations of the professional nurse.

Nsg. 244. Medical-Surgical Nursing II. (10 quarter hours; Winter and Spring 6 hours content; 4 four hour laboratory periods)
A course designed for students to continue to develop ability to utilize the problem-solving approach in assessing, implementing, and evaluating the nursing care needs of individual adult patients with selected health problems. Experiences are selected to augment integration of the previous nursing and related knowledges.

Nsg. 332. Mental Health and Psychiatric Nursing. (8 quarter hours; four hours content; 2 six hour laboratory periods.)
The focus of this course is the role of the baccalaureate nurse who functions with a multi-disciplinary team in the prevention of mental illness and the care, treatment and rehabilitation of mentally ill patients. Determinants for nurse-patient relationships will be stressed. Concepts and principles from previous and concurrent experiences will be utilized in developing attitudes and skills related to meeting the nursing needs of the mentally ill patient. Some consideration is given to observational experiences and content in the area of child psychiatry.

Students work with "healthy" families in their own environment as well as working intensively with selected patients in three major psychiatric settings. Observational experiences are also provided in four community resources for the mentally ill and the mentally retarded. Students are exposed to eclectic theories which include both descriptive and dynamic approaches.

Nsg. 343. Maternity and Newborn Nursing. (10 quarter hours; Fall, Winter, and Spring, 6 hours content; 4, four hour laboratory periods)
The family-centered developmental approach is used in the study of adolescents involving preparation for marriage and family living, the adjustment of husband and wife to marriage and their preparation for parenthood. The course continues with the study of psychological and physiological problems of selected mothers in all age groups through each phase of the maternity cycle and newborn infants during the neonatal period. Experiences are provided in the clinic, hospital, home and other community health, educational and social agencies.

Nsg. 344. Nursing of Children. (11 quarter hours; Fall, Winter and Spring, 8 hours content; 3 four hour and 1 two hour laboratory periods)

A study of the role of the professional nurse in health promotion of children as well as a study of the nursing care in illnesses common in childhood. The psychological aspects of illness on the child and his family are included, also clinical practice and the development of related nursing skills.

Nsg. 403. Senior Nursing Seminar and Practicum. (10 quarter hours; Fall and as scheduled; 6 hours content, conferences; 4 three hour laboratory periods. Prerequisite: Completion of all junior year courses.)
Analysis of complex problems including developmental, health and long-term illness based on study of the literature and the significant theories and laws from physical, biological, social and medical sciences. Nursing hypotheses thus derived are tested and converted into theories and principles in nursing practice with individuals and patient groups in various clinical areas and settings. Academic instruction and laboratory experiences are qualitatively selected to meet the learning needs of students.

Nsg. 415. Community Nursing. (12 quarter hours; Fall, Winter and Spring 6 hours content; 12 hours of laboratory.)
An overview of the philosophy, principles of organization and administration, and trends in community health nursing programs. Nursing intervention for the promotion of health and prevention of disease in individuals and families is emphasized. The course includes the public health sciences. Visits to community agencies are used for selected learning experiences.

Nsg 453. Nursing Trends. (5 quarter hours; Fall, Winter and Spring.)
An analysis of the trends and current problems in nursing and their relationship to nursing education programs and to the practice of professional nursing.

Nsg 470. Principles of Management and Leadership. (12 quarter hours; Fall, Winter and Spring 6 hours content, conferences; 2 eight hour and 1 two hour laboratory periods.)
A study of the basic principles of scientific management, leadership and interpersonal relations; and guided learning experiences and their application to nursing team leadership and head nurse positions in nursing.

Scholarship and Promotion

Academic advancement

Promotion is dependent on satisfying all academic course requirements, with no "0" grades accepted. A minimum point average of 2 is required.

Transfer Credit

Transfer of credit for the first year of work and for other equivalent courses, as evaluated by The Registrar may be credited toward the Baccalaureate degree in Nursing. See "Scholarship and Promotion." No "D" grades may be transferred. Transfer students must meet the same requirements as other students in the program.

Probation

A student who falls below a "C" average in any given quarter will be carried on probation until these grades are removed and the "C" average is met. Freshmen students are expected to meet the grade point average of 2 by the end of the third quarter.

Advancement examinations

The policy governing required achievement examinations shall be posted in the School of Nursing; students are expected to meet requirements of courses and achievement examinations according to current policies. All course requirements, all achievement examinations, and all validation examinations for the first three years must be completed before a student is permitted to register for the senior year curriculum.

Residence

The minimum residence requirement for a baccalaureate degree is 45 quarter hours. A minimum of 180 quarter hours (excluding Physical Education) is required for a baccalaureate degree.

Examinations on the History and Constitutions of the United States and Georgia

Examination on these subjects are required of all students unless exempted by presentation of course credit dealing with these constitutions and histories. A student is advised to meet this requirement early in the academic career.

Physical Education Requirements

Candidates for undergraduate degrees will present a minimum of three (3) quarters of physical education credit for graduation.

Travel Releases

Before matriculation each accepted student must file written permission by parents or guardians to travel by public and/or private carrier. Forms for the purpose shall be provided by the Director of Women's Activities.

Requirements for Graduation

General requirements for graduation from the undergraduate programs of the Medical College are listed in the introductory section and in the General Information section.

Applicable specifically to the School of Nursing:
Completion of all senior nursing courses is required with at least 186 quarter hours completed for graduation. All graduates must meet the requirements for the degree as outlined for that graduating class. Refer to the General Information section for grade requirements.

The College reserves the right to withhold the diploma of a student who has completed all degree requirements if her conduct fails to demonstrate appropriate social, ethical and professional standards.

Other Programs

The Master of Science in Nursing Program

The School of Nursing offers the Master of Science in Nursing degree.

Graduate Program Offering

A student may select a major in Nursing Administration in Hospitals and Community Agencies, in Medical-Surgical Nursing or in Mental Health and Psychiatric Nursing. In the Clinical field the student may select to prepare for clinical specialization or for teaching nursing. The practicum in teaching provides for choice of supervised experience in baccalaureate or associate degree programs, or other educational programs in nursing.

Objectives

The program leading to the Master of Science in Nursing degree is designed to prepare qualified students to practice as clinical specialists, as teachers in nursing or as nursing administrators. The objectives for students of the graduate program are:

- Knowledge of theory and basic concepts in the area of specialization and in contributory fields.
- Ability to apply theoretical and conceptual knowledge selectively in practice in the area of specialization.

- Ability and motivation to continually add to the body of knowledge and improve practice through independent study and experience.
- Ability to use in practice research findings in nursing and related fields, and to design, accomplish and report scientific studies in the area of specialization.

Understanding and acceptance of the responsibilities, personal, professional and community, which accompany the leadership-specialist role in nursing.

Admission Requirements and Information

See School of Graduate Studies

Application

Application for admission to the Graduate Program in Nursing at the Medical College is made directly to the Associate Dean, Graduate Program School of Nursing, Medical College of Georgia, Augusta, Georgia 30902.

The program begins with the Summer quarter. The complete application should be on file at least four weeks prior to the beginning of the Summer quarter. However, it is suggested that the initial application papers be submitted during the preceding September or October, or earlier. To be complete, an application must include the report of the Graduate Record Examination (aptitude test only). Information regarding the dates and places where the examinations are administered can be obtained from the Office of the Registrar.

Applicants should confer with the major advisor of the field of choice and with the Director of the Graduate Program in Nursing regarding program planning.

Curriculum

See School of Graduate Studies

Continuing Education Program

The School of Nursing established on July 1, 1970, a Continuing Education Program in Nursing (CEPIN) on a State-wide basis. The program of Continuing Education provides short courses, conferences, and consultative services to nurses and agencies on a state-wide basis. The faculty plans with a State Wide Advisory Committee, other health agencies, and specific planning groups to provide offerings that meet the needs of nurses in wide geographical areas of the State.

The faculty believes that learning is a continuing process throughout the life span of the individual and opportunities must be provided for nurses to continually expand their knowledge and skills. They believe that change is inevitable in a dynamic society and that nurses must be assisted to initiate and/or participate in change.

Prior to each course, brochures describing the topics, meeting place, time and fees are mailed to the group of nurses for whom the course was developed.

Credits

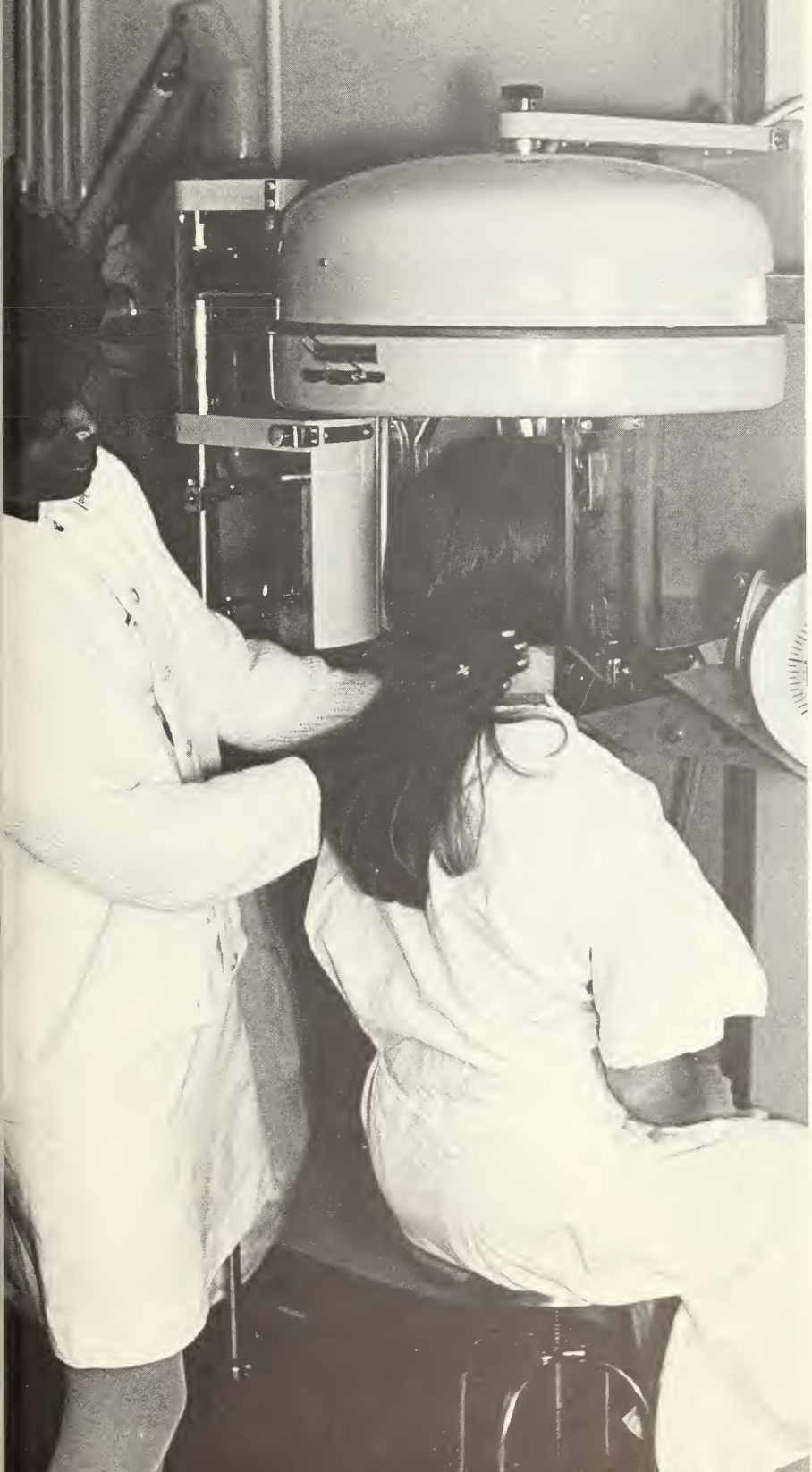
Instruction presented in Continuing Education Program is not designed for credit toward academic degrees.

Fees

Fees are established separately for each course and are dependent on the number of guest faculty, length of course and other factors.

Direct Inquiries to:

Continuing Education Program in Nursing
School of Nursing, Medical College of Georgia, Augusta, Georgia 30902.



The School
of
Allied Health
Sciences

School of Allied Health Sciences Calendar 1972-1973

Fall Quarter, 1972

August 18	Last day to file applications for new admission
September 12	Residence Halls Open
September 13	Orientation and Registration
September 14	Registration
September 15	Exemption Exams (optional) in U.S. and Georgia History and U.S. and Georgia Constitutions
September 18	Classes begin
September 20	Last day for late registration and class changes
October 25	Midterm
November 22-26	Thanksgiving recess
December 1	Last day of classes
December 4-8	Examinations
December 8	Term ends

Winter Quarter, 1973

December 8	Last day to file applications for new admission
January 2	Registration
January 3	Classes begin
January 3	Exemption Exams (optional) in U.S. and Georgia History and U.S. and Georgia Constitutions
January 5	Last day for late registration and class changes
January 6	Saturday will be a regular class day for the Monday schedule through the 9th period
February 6	Midterm
March 9	Last day of classes
March 9-10, 12-14	Examinations
March 14	Term ends

Spring Quarter, 1973

February 23	Last day to file applications for new admission
March 19	Registration
March 20	Classes begin
March 22	Last day of late registration and class changes
April 20	Midterm
May 25	Last day of classes
May 25-26, 28-30	Examinations
May 30	Term ends
June 2	Graduation

Summer Quarter, 1973

May 18	Last day to file new applications
June 11	Registration
June 12	Classes begin
June 13	Last day for late registration and class changes
July 4	Independence Day Holiday
July 13	Midterm
August 17	Last day of classes
August 17-18, 20-22	Examinations
August 22	Term ends

School of Allied Health Sciences

Dean: (Acting) Raymond C. Bard, Ph.D.

The School of Allied Health Sciences at the Medical College was established as an administrative entity in 1968. Prior to this date, programs in Medical Illustration, Medical Record Science, Medical Technology and Radiologic Technology had been active; and in 1967, the Dental Hygiene program was initiated. Within the past year, two additional programs, Physical Therapy and Occupational Therapy, have been added to the School. The School is organized into departments, providing programs for each of the allied health professions leading to the baccalaureate degree.

Information pertaining to application, admission, fees and expenses, loans and scholarships can be found in each department's section of this book or in the General Information section of the book.

General Information

General Education Courses for Undergraduate Students

The Medical College is a state supported unit of the University System of Georgia. Being a professional education institution, the college does not maintain faculty for teaching general education courses in the liberal arts and sciences. Other accredited institutions of the University System, have been designated to assume the responsiblity for offering general education courses for all baccalaureate students registered at the Medical College. Credits and grades for such courses are accepted by the Medical College directly from these institutions as though the courses were taught on the medical campus provided the student is registered at this institution while taking the courses.

Lower Divison general education courses number 100 through 399 are offered by Augusta College. These courses will be recorded on transcripts issued by the Medical College with the code designation of "AC" indicated.

Transfer Credit

A maximum of 95 academic quarter hours from a junior college, or 141 hours from a senior college or another educational institution may be transferred into an undergraduate program. See Scholarship and Promotion.

Residence

The minimum residence requirement for a baccalaureate degree is 45 quarter hours. A minimum of 180 quarter hours (excluding Physical Education) is required for a baccalaureate degree.

Examinations on the history and Constitutions of the United States and Georgia

Examinations on these subjects are required of all student unless exempted by presentation of course credit dealing with these constitutions and histories. A student is advised to meet this requirement early in his academic career.

Physical Education Requirements

Candidates for undergraduate degrees will present a minimum of three (3) quarters of physical education credit for graduation.

Scholarship and Promotion

An undergraduate degree shall not be conferred to any person whose overall weighted grade point average (for courses in residence) is less than 2.00. Credit hours in courses with the grade of "D" shall not exceed 20% of the total hours for any degree program. Individual curricula may establish higher standards for achievement, in which case, the higher standards shall apply.

Requirements for Degree

The candidate for an undergraduate degree must consult with the office of the Registrar and the Dean or Chairman of his program concerning completion of requirements for graduation. This consultation should be done three quarters before the expected date of graduation. Students who fail to meet this requirement forfeit any equity in the adjustment of possible errors or omissions in their programs.

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained from the office of the Admissions Counselors. Applications for each entering class must be filed no later than twenty-one days prior to registration. Early application is recommended. No application fee is required.

Admission Criteria

Preference will be given the applicant who has demonstrated superior academic ability. The applicant must present evidence of graduation from an accredited high school or its equivalent. Preference will be given the applicant to undergraduate programs who has emphasized high school subjects in the sciences (mathematics, chemistry, physics, biology, zoology) and the liberal arts. The entering freshman must present credentials to indicate completion of the following high school credits from an accredited high school.

	Units
English	4
Mathematics (must include one unit of algebra)	2
Science (general biology, chemistry, physics)	2
Social studies (one unit of American history)	2
Other academic units	4
Unrestricted electives	2

High school level test of General Education Development will not be accepted unless accompanied by a state high school diploma.

Scholastic eligibility standards:
An undergraduate student who is making satisfactory progress toward a degree will maintain a minimum of:

Grade Point Ratio	Total Hours attempted
1.3	45
1.6	90
1.8	135
2.0	180 — above

Suspension.

A student who falls below this standard at the end of any regular academic year will be suspended for the next regular quarter, unless he attends an approved summer school and shows marked improvement. Any full time student who fails to make a passing grade in at least one of his academic subjects may be suspended at the end of any quarter.

Probation.

A student who falls below a "C" average in any given quarter or whose cumulative average is below a "C" will be carried on probation and his records marked accordingly.

Dental Hygiene

Chairman: Julia J. Galbaugh, M.P.H.

Supervising Dentist: Bobby D. Fritz, D.D.S.

In cooperation with the School of Dentistry, this department offers a program of studies leading to the Bachelor of Science Degree in Dental Hygiene. Upon satisfactory completion of the Dental Hygiene Program, graduates will be eligible for National and State Board Examinations.

Objectives

The dental hygienist educates patients in effective personal care of the oral cavity and provides, under the supervision of a dentist, oral health care. The opportunity to serve both in the area of education and in the area of direct service affords a unique and satisfying career. The demand for competent faculty in the growing list of dental hygiene programs is opening a major new avenue for self-expression and fulfillment to many talented persons.

Dental hygiene provides a variety of opportunities for career development. The majority of dental hygienists are found in private practice in a dental office or in a group practice environment. An increasing number are serving as members of public health teams at local, state, and national levels. New opportunities in the field of education will be available in both the public schools and the dental hygiene schools. Unlike many other professions, dental hygiene offers the opportunity for either a full-time or a part-time career.

In any of these roles, the dental hygienist performs an important, meaningful service to her community. She is a respected member of society and her financial status compares favorably with those of persons in other health fields who have had comparable education.

Accreditation

The Department of Dental Hygiene is fully accredited by the Council on Dental Education of the American Dental Association.

Admission Requirements

The program requires two years of study in the Arts and Sciences, plus two years of study in dental hygiene. There are no specific course requirements for admission, but a balanced program of studies in the liberal arts and sciences is preferred.

Listed below is a suggested pre-dental hygiene curriculum:

	Quarter Hours	Semester Hours
Humanities	20	12
Natural Sciences	20	12
Social Sciences*	20	12
Philosophy or Psychology	10	6
Mathematics	10	6
Electives	10	12
Total	90	60

*Political Science 101 and History 211 or 212 are required unless a student has passed an exemption examination in these subjects.

The Council on Dental Education requires a course in speech.

Applicants with less than two years of college, but with an outstanding academic record, may be considered for admission. Deficiencies may be made up during the summer sessions or during the academic year in order to qualify for the baccalaureate degree.

It is preferred that the applicant take the Dental Hygiene Aptitude Test.

Fees and Expenses

Estimated Student Expenses Per Academic Year (3 quarters)	First Year	Second Year
Matriculation Fee*	435	435
Student Health fee	30	30
Student Activity fee	30	30
Books and Supplies	100	135
Instruments	150	—
Uniforms	175	—
Field trips	—	50
Housing**	330	330
Food	600	600
Personal, Miscellaneous	450	450
Total	**2,300**	**2,060**

* Resident Matriculation fee is $145 per quarter.
Non-Resident Tuition (in addition to matriculation fee is $240 per quarter.

** See Housing section of General Information for costs of various on-campus options. See General Information section for hospitalization and life insurance costs.
Note: Student Health and Activities fees are $10 each per quarter.

Curriculum

The curriculum for the baccalaureate program in Dental Hygiene includes the following:

Junior Year		Credit Hours
Orientation Week		
Sensitivity and Communication		0
Fall Quarter		
Pol 101.	American Government* (lecture) or Elective*	5
Anm 320.	Anatomy And Physiology (lecture)	5
Dh 300.	Clinical Dental Hygiene (clinic & demonstration)	3
Bio 301.	Introduction to Chemistry (lecture)	3
Dh 312.	Oral Anatomy and Physiology (lecture)	2
Dh 318.	Growth and Development (lecture & demonstration)	2
Dh 320.	Dental Hygiene Lecture	1
Ahs 300.	Health Care Environment (See Health Systems Engineering)	3
Total		24

Winter Quarter

Mib 300.	Microbiology	3
Hst 101.	Survey of American History* (lecture) or Elective*	5
Anm 321.	Anatomy and Physiology (lecture & demonstration)	4
Dh 301.	Clinical Dental Hygiene (clinic & demonstration)	3
Bio 302.	Biochemistry (lecture & laboratory)	3
Dh 314.	Dental Radiology (lecture)	2
Dh 321.	Dental Hygiene Lecture	1
Dh 409.	Dental Material	2
Total		**24**

Spring Quarter

Psy 225.	Psychology of Adjustment (lecture)	4
Mib 301.	Microbiology (lecture & demonstration)	3
Anm 325.	Head & Neck Anatomy (lecture & demonstration	5
Phm 311.	Pharmacology and Anesthesiology (lecture)	2
Dh 302.	Clinical Dental Hygiene (clinic)	3
Dh 315.	Radiology (lecture, Demon., & directed exp.)	2
Dh 322.	Dental Hygiene Lecture	1
Total		**21**
Year's Total Credit Hours		**63**

Senior Year		Credit Hours
Fall Quarter		
Dh 400.	Clinical Dental Hygiene (clinic)	4
Dh 404.	Periodontics (lecture & demonstrations)	2
Psy 455.	Psychology (lecture)	4
Dh 420.	Dental Hygiene Lecture	1
Dh 412.	Introduction to Public Health	4
	Elective	0-5
Total		**15-20**
Winter Quarter		
Dh 401.	Clinical Dental Hygiene (clinic)	4
Dh 406.	Pathology (lecture & laboratory)	3
Dh 407.	Dental Health Education — Public Health (lecture & demonstration)	3
Dh 408.	Preventive Dentistry (lecture & demonstration)	2
	Elective	0-5
Dh 413.	Applied Nutrition (lecture & demonstration)	1
Dh 421.	Dental Hygiene Lecture	1
Dh 423.	Public Health Lecture	4
Dh 424.	Dental Assisting	2
Total		**21**
Spring Quarter		
Ahs 400.	Introduction to Management	3
Dh 402.	Clinical Dental Hygiene (clinic)	4
Dh 409.	Dental Materials (lecture & demonstration)	4
Dh 405	Principles of Dental Hygiene Practice	2
Dh 411.	Directed Field Experience, incl. Ecology	2
Dh 422.	Dental Hygiene Lecture	5
Dh 414.	Applied Nutrition (survey)	1
Dh 425.	Dental Assisting	1
Dh 426.	Oral Medicine	2
Dh 427	Director's Seminar	2
		1
Year's Total Credit Hours		63
Two-Year Total Credit Hours		**126**

Course Descriptions

Anm 320, 325, 321. Sequential Courses. General Gross, Microscopic and Developmental Anatomy.

Anatomy 320 and Physiology. (5 hours)
This is an integrated course of anatomy for dental hygiene students. It is initiated with cytology, early embryology, and basic histology. Following this, a study of gross anatomy, organology, and embryology is carried out on the vital systems.

Anm 325. Head & Neck Anatomy (5 hours)
Gross, Microscopic, and Developmental Anatomy (regions of the head and neck). This course includes a detailed study of these same facets of the oral cavity.

Anm 321. Gross, Microscopic and Developmental Anatomy. (3 hours)
This course includes the systems not covered in ANM 320 (Including the endocrine system). The course is completed with the regional study of the thorax, abdomen, pelvis, and extremities. (5 hours)

Bio 301. Introduction to Chemistry. (lecture)
This course is designed for those who have had no previous chemistry or mathematics courses. It is a survey of important topics in inorganic and organic chemistry. Two one hour lectures per week for twelve weeks.

Bio 302. Biochemistry. (lecture & laboratory)
The course is designed to provide the dental hygiene student with a general knowledge of the field of biochemistry. The chemical composition of body tissues and fluids together with the changes which occur in the life processes are studied. Special attention is given to those aspects of biochemistry which are more closely related to the field of dental hygiene. Four hours lecture per week for twelve weeks. (3 hours)

Dh 300, 301, 302. Clinical Dental Hygiene. (lecture and clinic)
The courses in Dental Hygiene are designed and taught to present to the student a concept of the interrelation of clinical service, health education and interpersonal relationships. The ethical principle of the deliverance of a health service is based on the need of the individual. (3-4-4 hrs.)

Dh 312. Oral Anatomy and Physiology. (lecture)
The course is designed to provide the student with a basic knowledge of the topographical anatomy and prenatal development of oral structures, the nomenclature of the teeth, the comparative forms and functions of the teeth, the microanatomy of the teeth and their supporting structures, and of normal and malocclusion. (2 hours)

Dh 314 & 315. Radiology. (lecture, demonstration and directed exp.)
The course is designed to acquaint the student with the fundamentals of radiology. Intra-oral technics for the taking and processing of radiographs are taught and clinical time is afforded for the application of these principles. (2-2 hours)

Dh 318. Growth and Development. (lecture and demonstration)
The concepts of maturation, variation and normalcy in children, both in a statistical and clinical sense, are presented to help the student understand children as patients. Application of these concepts are made during clinical experiences with children. (2 hours)

Dh 320, 321, 322. Dental Hygiene Lecture. (clinic 1-1-1 hr.)
The major goal of the Dental Hygiene Lecture Series is to provide the student with fundamental material and scientific knowledge to enable her to become engaged in the clinical services of an oral prophylaxis and patient education. Lectures, visual aids, and student instruction question and answer participation will be used to accomplish this goal.

Dh 400, 401, 402. Clinical Dental Hygiene. (clinic 4-5-4 hours)
An overview of the various principles and methods of performing clinical procedures will be presented, including expansion of basic techniques. Supplemental procedures will be discussed with the emphasis on prevention through treatment and patient education. Clinics provide student opportunity for practical application.

Dh 404. Periodontics. (lecture & demonstration 2 hours)
The course contains fundamental material which will provide a sound background and working knowledge of periodontics. A basic understanding of periodontics is necessary for the dental hygiene student to realize the significance of patient education and of the dental prophylaxis, her primary clinical responsibilities.

Dh 405. Principles of Dental Hygiene Practice. (lecture 2 hours)
In preparation for graduation and entry into community and professional life, discussions will be held concerning dental hygiene employment, private practice environments, legal situations, ethical codes of conduct, business procedures and professional organizations.

Dh 406. Pathology. (lecture & laboratory 3 hours)
This course is designed to familiarize the dental hygiene student with common diseases of the oral regions. Emphasis is placed on clinical manifestations, but histopathological findings are not excluded. The course is not designed to build diagnostic skills, but the student will gain an understanding of oral disease processes and should be able to differentiate normal from common abnormal structures.

Dh 407. Dental Health Education. (lecture and demonstration 3-4 hours)
The sum of experiences which favorably influence habits, attitudes and knowledge relating to individual and community health is known as Health Education.

Four phases of activities which relate to Health Education are sensitization, publicity, education, and motivation.

Dh 408. Preventive Dentistry. (lecture and demonstration 2 hours)
The theoretical basis and research evidence supporting a variety of currently accepted methods for preventing oral disease are discussed. Students are introduced to the practice of these methods in clinical situations.

Dh 409. Dental Materials. (lectures and demonstration)
The information concerning dental materials is based on physical, me-

chanical and chemical principles. The indications and limitations of materials used in both clinical and laboratory procedures will be discussed. The biologic relationships of dental materials and procedures will be stressed along with emphasis being placed on the proper manipulation of materials used by dental hygienists. (2 hours)

Dh 411. Directed Field Experience, Incl. Ecology.
Directed field experience will be given to the dental hygiene students to study the pattern and relationships between man and his environment. (10 hours)

Dh 412. Introduction to Public Health. (lecture 4 hours)
This course is designed to provide the dental hygiene student with a working definition of public health and of dental public health, to acquaint her with the nature and scope of public health activities, criteria for priorities, and the traditional tools of public health. It is intended that the student will have an understanding of the basics of the statistical method, and will be familiar with the milestones in the development of the public health movement.

Dh. 413. Applied Nutrition (lecture and demonstration 2 hours)
This course follows earlier courses dealing with bio-chemical aspects of nutrition. Oral manifestations of faulty nutrition are presented. The student is instructed in diet history taking and dietary counselling.

Dh 420, 421, 422. Dental Hygiene (lecture 1-1-1 hour)

Dh 423. Public Health. (lecture 4 hours)

Mib 301. Microbiology. (lecture and demonstration 3 hours)
A comprehensive study of microbiology for students of dental hygiene. The course covers systematic microbiology, microbial physiology and metabolism, sterilization, infection and resistance, and the microbiology of the mouth.

Mib 302. Microbiology (lecture and demonstration 3 hours)
A comprehensive study of microbiology for students of dental hygiene. The course covers the microbiology of dental caries, periodontal disease, endodontics, wound and soft tissue infection and infectious diseases with oral manifestations.

Phm 311. Pharmacology and Anesthesiology. (lecture 2 hours)
This course is designed to acquaint the dental hygiene student with certain concepts of drug action in the human. Knowledge of drugs is important so that the hygienist can assume her proper role as a member of an oral health team.

The following areas will be covered and related to oral health care: 1) General Principles of Pharmacology and Drug Action, 2(Methods of Drug Administration, 3) The Health History and Its Significance for Dental Therapy, 4) Chemotherapy and Antisepsis, 5) Autonomic and Cns Pharmacology 6) Local and General Anesthesia, 7) Therapy of Blood Defects, and 8) Therapy in Important Systemic Diseases.

Psy 255 & 455. Psychology. (lecture 4-4 hours)
This course studies the social behavior of man and treats several major social problem areas in depth. The plan of study is organized in three phases: 1) historical and developmental aspects of social behavior, 2) attitudes, interpersonal relations, group prothesis and dynamic growth and special problems in social behavior.

The first two phases in the course are taught by lecture and the third phase consists of student presentations from phase three from their term papers which are required in the course.

Medical Illustration

Chairman: Orville A. Parkes, B.S.

The Medical College of Georgia offers a program leading through the Bachelor of Science degree to the Master of Science in Medical Illustration. The program combines instruction in the materials, techniqués and uses of medical illustration with appropriate basic medical science courses.

Emphasis is placed upon the development of proficiency in the techniques of medical illustration especially in visualizing the areas of anatomy, surgery, and pathology. Course content includes proper presentation of statistical material, the design and production of scientific exhibits, the planning and production of audio-visual materials, the modeling and casting of tri-dimensional subjects, and the fundamentals of printing and publishing medical art.

Stress is placed upon the acquisition of basic medical knowledge as well as upon the means by which scientific information can be communicated visually. Training includes experience in the operating rooms, autopsy area, clinics and experimental surgery area as well as the art studio and classrooms.

Objectives

Modern medicine is making increased use of the artist's talents to transmit information and ideas through a variety of communication media including publications, projectuals, motion pictures, television, exhibits and three-dimensional models. The medical illustrator must know the limitations placed upon his creative efforts by each of these media in order to intelligently produce effective artwork. How the material is to be used strongly influences both the interpretation of subject matter and the choice of art medium. The style of rendering may vary from extremely detailed realism to simple diagram.

Medical illustrators work in a variety of art media and techniques. Their assignments may include such varied projects as a simple graphic design for a brochure, a diagram of laboratory apparatus, a series of detailed drawings of a surgical procedure, an animation sequence for a motion picture, or a series of visuals produced for a slide-cassette learning unit. Their projects may use line, continuous tone, color, photography or a combination of these. Most illustrators cover a vast range of scientific and medical subjects, but some focus their interests within one of the medical specialties, such as ophthalmology. The growing use of innovative learning materials in the health sciences has created other specialized areas of involvement. Some medical illustrators are called upon to make artificial anatomical parts when cosmetic or functional improvement is required. Occasionally, the artist may work as a member of a research team, not only to provide illustrations but also to assist with the research problem.

Accredition

The Department of Medical Illustration meets the "Standards of Education for Schools of Medical Illustration" and is accredited by the Association of Medical Illustrators.

Admission Requirements

General undergraduate admission requirements and procedures are listed elsewhere. Only those requirements pertinent to the program in Medical Illustration are listed here. Admission requires a high degree of drawing ability developed through training in art plus a general background in the biological sciences and the humanities. Applicants are considered on the basis of their academic qualifications, evidence of adequate art training, and appraisals from college instructors.

Specific requirements are:

1. Attendance at an accredited college or university attaining a minimum of 90 quarter hours of acceptable work in the following categories:

	Quarter Hours
Art	40
(Basic Drawing, Life Drawing, Advertising Illustration, Advertising Design, Perspective, Watercolor, other techniques, including acrylic, oils, pen & ink, graphics, with emphasis on rendering from observed material.)*	
Biological Science	30
(Zoology, Comparative Vertebrate Anatomy, Human Physiology, Vertebrate Embryology and Histology.)*	
Liberal Arts	20
(English, American History, Political Science, Psychology, Sociology, Languages, Philosophy.)*	

* These are simply suggested courses that give a sound background for the specialized course of study in medical illustration. A student would be expected to take only as many as are necessary to meet admission requirements.

2. Submission of a portfolio of artwork which demonstrates the drawing abilities and scope of art training of the applicant.

Fees and Expenses

Estimated Student Expenses: Per Academic Year (3 quarters)	First Year	Second Year	Third Year
Matriculation Fee*	435	435	435
Student Health Fee	30	30	30
Student Activity Fee	30	30	30
Books and Supplies	125	75	125
Uniforms	10	10	10
Housing**	360	360	360
Food	600	600	600
Personal (laundry, travel, Misc.)	500	500	500
Total	**2,090**	**2,040**	**2,090**

* Resident Matriculation fee is $145 per quarter.
Non-Resident Tuition (in addition to matriculation fee) is $240 per quarter.

** See General Information section for various on-campus housing options. See General Information section for hospitalization and life insurance costs.

Note: Student Health and Activities fees are $10 each per quarter.

Curriculum and Application

The total academic curriculum leads to the degree of Master of Science in Medical Illustration. The first part of this curriculum consists of two years of study in the School of Allied Health Sciences, leading to the degree, Bachelor of Science in Medical Illustration. The second part consists of a year or more of work in the School of Graduate Studies. Students should apply with the intention of completing the total curriculum.

Applicants who already have a baccalaureate degree before applying will be enrolled in the same 3-year program, starting as an undergraduate candidate for the Bachelor of Science degree in Medical Illustration.

Applications and portfolios must be received prior to April 1 of the year in which September enrollment is desired. The program of study begins only in the Fall Quarter. Applicants will be notified of the final action taken on the application by May 1.

The curriculum is as follows:

First Year		Quarter Hours
Fall Quarter		
Mil 350.	Techniques of Medical Illustration I	8
Mil 355.	Presentation of Data	2
Anm 701.	Gross Anatomy	10
Winter Quarter		
Mil 351.	Techniques of Medical Illustration II	8
Mil 359.	Commercial Medical Illustration	3
Mil 361.	Ophthalmological Illustration	2
Mil 365.	Medical Photography I	2
Mil 378.	Clinical Surgery	3
****Bio 314.**	Physiology	5

**see course description.

Spring Quarter		Quarter Hours
Mil 352.	Techniques of Medical Illustration III	8
Mil 358.	Anatomical Sculpture	4
Mil 363.	O.R. and Surgical Drawing	4
Mil 366.	Medical Photography II	2

Second Year

Fall Quarter

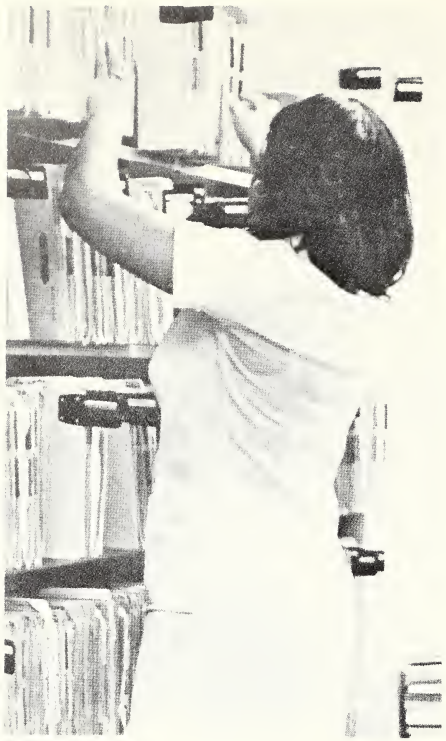
Mil 450.	O.R. and Surgical Drawing	5
Mil 458.	Advanced Medical Photography I	2
Mil 461.	Color Rendition	5
Anm 813.	Histology	8

Winter Quarter

Mil 451.	O.R. and Surgical Drawing	7
Mil 462.	Color Rendition	6
Mil 459.	Advanced Medical Photography II	2
Mil 464.	Television	2
Mil 475.	Statistics	2
Mil 453.	Medical Publishing	1

Spring Quarter

Mil 452.	O.R. and Surgical Drawing	6
Mil 463.	Color Rendition	6
Mil 460.	Advanced Medical Photography III	2
Anm 703	Neuroanatomy	4



Course Descriptions

Anm 701. Gross Anatomy. (First quarter, 10 quarter hours.)
A lecture and laboratory course which requires participation in a satisfactory dissection of the human body.

Mil 350, 351, 352. Techniques of Medical Illustration. (Three quarters, 24 quarter hours.)
Instruction is given in the use of the media of the medical illustrator, including carbon dust, pen and ink, watercolor and airbrush.

Mil 355. Presentation of Data. (First quarter, 2 quarter hours.)
The student learns to use mechanical lettering equipment and basic drafting instruments in the presentation of scientific data as diagrams, charts and graphs.

Mil 358. Anatomical Sculpture. (Third quarter, 4 quarter hours.)
The student models anatomical subjects in clay, then casts them in plaster, latex or other materials.

Mil 359. Commercial Medical Illustration. (Second quarter, 3 quarter hours.)
The student prepares artwork for commercial reproduction, from basic layout to separated mechanical that is camera-ready for the printer.

Mil 361. Ophthalmological Drawing. (Second quarter, 2 quarter hours.)
Drawings of the fundus of the eye are accomplished from ophthalmoscopic observation. Course includes illustrating other normal and pathological eye anatomy.

Mil 363. O.R. and Surgical Drawing. (Third quarter, 4 quarter hours.)
Students observe surgical procedures in the operating rooms of the hospital and make rough sketches for later completion. The sketches serve as the

basis for finished, detailed illustrations using art media previously studied.

Mil 365, 366. Medical Photography. (Second and third quarters, 4 quarter hours.)
Students receive instruction and experience in elementary photography and film processing.

Bio 314. Physiology. (First year, 5 quarter hours.)
A study of the actions and functions of the various systems of the human body.
Note: Students who have undergraduate credit in human physiology prior to entrance here will be exempt from this class at Augusta College.

Mil 378. Clinical Surgery. (First year, 3 quarter hours.)
An experience-oriented course in which the student performs standard surgical procedures upon anesthetized animals, administers anesthesia, and becomes familiar with sterile technique and other operating room routine.

Mil 450, 451, 452. O.R. and Surgical Drawing. (Three quarters, 18 quarter hours.)
Student sketches a variety of surgical procedures while observing in the operating rooms, and uses these sketches back in the art studio as reference material for rendering accurate, finished illustrations.

Mil 458, 459, 460. Advanced Medical Photography. (Three quarters, 6 quarter hours.)
Advanced training in studio and laboratories of the medical photography service unit: copywork, patient photography in the hospital studio and in the operating rooms, photomicrography and basic motion picture photography.

Mil 461, 462, 463. Color Rendition. (Three quarters, 17 quarter hours.)
The student is working primarily in watercolor developing drawings of anatomical and medical subject material. The course includes the viewing of the cavities of the body using cystoscope, bronchoscope, proctoscope, etc., and the color rendering of material observed and the equipment used.

Anm 813. Histology. (First quarter, 8 quarter hours.)
A study of the cells, tissues and the organs of man as related to their function.

Mil 453. Medical Publishing. (Second quarter, 1 quarter hour.)
A study of the printing processes used to reproduce artwork in line, tone and color, as well as related areas of publishing such as typography, composition, and platemaking.

Mil 464. Television. (Second quarter, 2 quarter hours.)
Instruction in the illustrator's role in a television production unit. Student is introduced to the equipment and production methods of closed circuit television, with emphasis on graphics and program planning.

Mil 475. Statistics (Second quarter, 2 quarter hours.)
Instruction and specific class problems in the depiction of statistical material for various methods of visual presentation.

Anm 703. Neuroanatomy. (Third quarter, 4 quarter hours.)
The study of the gross and microscopic structure of the human nervous system and organs of special sense.

Requirements for the Bachelor of Science Degree in Medical Illustration

In addition to the 90 quarter hours of transfer credit permitted as noted in Admission Information, a minimum of 90 quarter hours of credit must be earned in this department toward the baccalaureate degree.

A grade average of "B" must be accomplished in at least 75 per cent of all courses in residence in order to meet the requirements for graduation.

Recommendation for Graduation

Recommendations for graduation are made by the faculty of the Department of Medical Illustration.

Qualifying Examination for the Master of Science Degree

During the Spring quarter of the senior year, students will be given the opportunity to take the qualifying examination for admission to the graduate course of study.

Graduate Year of Study

Prerequisites, curriculum, course outlines, and other details regarding the graduate year of study in Medical Illustration will be found in the section for the School of Graduate Studies.

Medical Record Science

Chairman: Juanita Sirmans, RRA, A.B.

This department offers a program of studies leading to the Bachelor of Science degree in Medical Record Science. This program was approved in 1962 by the Board of Regents of the University System of Georgia. Students are accepted after completion of two years of college. The curriculum of the last two years utilizes the facilities of Augusta College and the Medical College of Georgia. Professional educational activities are provided in the teaching hospital of the Medical College, Eugene Talmadge Memorial Hospital, University Hospital, and other institutions in the city of Augusta, and hospitals in other cities in Georgia and adjoining states. Student enrollment is limited.

The program of the junior and senior years includes liberal arts courses, study and experience in medical record science, statistics, fundamentals of medical science, law as related to medical records and hospitals in general, medical information handling, organization and administration and systems of processing data in medical care institutions.

Objectives

A medical record administrator is responsible for the development and maintenance of a system of medical records which will promote the best medical care for the patient, provide training materials for interns and residents and serve as a source of information for medical research and clinical evaluation.

Most medical record administrators are employed in hospitals. Others work in clinics, medical research centers, medical departments of insurance companies, health agencies and local and state health departments.

The demand for qualified personnel is great and the number of unfilled positions is increasing, largely due to the increase in the number of hospitals and the complexity of medical records.

As a member of the health team, the medical record administrator works with the administrative, medical, and other professional staffs of the institution; he is concerned with the development, analysis, maintenance and use of records and reports.

The Department of Medical Record Science of the Medical College of Georgia has as its goal the education of mature persons who are capable of utilizing the vast resources of the institution to acquire knowledge and attain professional status. The student is encouraged to set his own goals and, through faculty leadership, develop to his fullest potential. It is expected that graduates will be equipped to become productive and contributory members of the profession and the institution in which they are employed and capable of accepting the responsibilities of management and service required of them. It is hoped that graduates will acquire advanced degrees and become teachers and leaders in this challenging field of health science.

Accreditation

The Department of Medical Record Science is approved by the Council on Medical Education of the American Medical Association and by the American Medical Record Association.

Graduates are eligible for the registration examination of the American Medical Record Association, successful completion of which entitles them to use the title "Registered Record Administrator" (RRA).

Admission Requirements

The applicant may attend any accredited college or university of his choice for the freshman and sophomore years; however, admission and academic requirements of the Medical College of Georgia must be met. Preference will be given to those applicants who have demonstrated superior ability in all academic areas. All applicants must satisfy the U. S. and Georgia History and Constitution requirements by examination or by taking the courses. Courses listed in the Augusta College catalog as History 211 or 212 and Political Science 101 meet this Legislative requirement and these or equivalent courses may be taken in summer school or by correspondence through the University of Georgia. It is the responsibility of each student to make arrangements for these courses or to complete satisfactorily an examination on the subjects; it is recommended that arrangements be made prior to enrollment at the Medical College of Georgia.

Accepted students transfer to the Medical College program in Medical Record Science at the beginning of the third year. Admission requirements, in addition to those listed in the General Information section, include a curriculum for the freshman and sophomore years which shows a minimum of 90 quarter hours (exclusive of Physical Education) of acceptable work as follows:

	Quarter Hours
English	20
Mathematics (Algebra or Equivalent)	5-10
*Foreign Language	10
**Natural Science, to include a laboratory course in Biology	20
***Social Science and Electives	30-35
TOTAL	90

*Students find that experience in learning a foreign language will be beneficial in mastering the language of medicine. Latin is of particular value. If the student has high school credit in a foreign language, this requirement may be relinquished.

**Courses in the Natural Sciences may include general biology, chemistry, botony, vertebrate zoology or comparative vertebrate anatomy, one of which must include laboratory animal dissection. Courses in human anatomy and physiology are offered as a part of the professional curriculum at the Medical College of Georgia.

***Students are encouraged to take at least one course which will enhance their ability to analyze problems and data. Some courses appropriate from which to chose are:
Logic (Philosophy), Research Methods, Computer Programming, Higher Mathematics and Statistics.

It is also recommended that students take at least one course in Psychology. Those courses which would be of particular benefit include Principles of Psychology, Social Psychology, Personality and Adjustment, or Applied Psychology.

Either credit or proficiency in typing must be demonstrated.

All required courses must be completed prior to registration in the Fall Quarter of the senior year.

The faculty of the Department of Medical Record Science is prepared to assist prospective students in planning courses for the first two years of college.

Fees and Expenses

Estimated Student Expenses Per Academic Year	First Year	Second Year
Matriculation fee*	435	435
Student Health fee	30	30
Student Activity fee	30	30
Books and Supplies	125	75
Uniforms	75	—
Housing**	330	330
Food	600	600
Personal, miscellaneous	450	450
Total	2,075	2,000

* Resident Matriculation fee is $145 per quarter.
Non-Resident tuition (in addition to matriculation fee) is $240 per quarter.

** See General Information section for the cost of on-campus housing options. See General Information section for hospitalization and life insurance costs.
Note: Student Health and Activities fees are $10 each per quarter.

Special Fees and Expenses

The student should make provision for living expenses for one month while on assignment to hospitals outside the city of Augusta. Students are encouraged to attend professional meetings for which they will bear the expense of travel, room and board, and registration fee. Such meetings do not usually last more than two days.

Financial Assistance

The American Medical Record Association has limited funds for loans to students in this program. Information may be secured from the office of the Chairman of the Department of Medical Record Science. For information on other funds available, see the General Information section.

Curriculum

At the beginning of the third year of college the student enters the program at the Medical College of Georgia. Courses in the professional program are offered on this campus and at Augusta College. Organized courses are described below. Directed experiences are planned in several hospitals, principally at Eugene Talmadge Memorial Hospital, the teaching hospital for the Medical College of Georgia.

Junior Year

		Quarter Hours
Fall Quarter		
Ahs. 300.	The Health Care Environment	3
Anm 320.	Anatomy and Physiology I	5
Mrs 301.	Medical Terminology I	2
Mrs 310.	Theory of Medical Record Science I	4
Mrs 319.	Fundamentals of Management	3
Total		17
Winter Quarter		
Anm 321.	Anatomy and Physiology II	5
Mrs 302.	Medical Terminology II	3
Mrs 320.	Organization and Administration I	3
Mrs 340.	Directed Experience I	1
	Elective	5
Total		17
Spring Quarter		
Mrs 311.	Theory of Medical Record Science II	6
Mrs 321.	Organization and Administration II	3
Mrs 341.	Directed Experience II	2
Mrs 401.	Fundamentals of Medical Science I	5
Total		16

Senior Year

		Quarter Hours
Fall Quarter		
Mrs 402.	Fundamentals of Medical Science II	5
Mrs 410.	Theory of Medical Record Science III	5
Mrs 420.	Organization and Administration III	3
Mrs 422.	Legal Concepts for the Health Fields	3
Mrs 440.	Directed Experience III	1
Total		17

Winter Quarter

Sta 301.	Elementary Medical Statistics	3
Mrs 411.	Theory of Medical Record Science IV	4
Mrs 421.	Organization and Administration IV	3
Mrs 430.	Data Processing Systems I	6
Total		16

Spring Quarter

Mrs 425.	Director's Seminar	3
Mrs 431.	Data Processing Systems II	3
Mrs 441.	Directed Experience IV	6
Total		12

Ahs 300. The Health Care Environment. (3 quarters hours.)
An introductory study of the present system of health care on the local, state, national and international levels. The changing pattern of health manpower needs and the emerging trends of health care are explored. Selected patient studies are used to present the social, cultural and economic aspects of health care delivery.

Anm 320, 321. Anatomy and Physiology. (10 quarter hours (5,5).)
A course in human anatomy and physiology designed especially to meet the needs of students in the allied health sciences. Consists of lectures, demonstrations, and laboratory activities.

Mrs 301, 302. Medical Terminology. (5 quarter hours (2,3).)
A study of the language of medicine including word construction, definition, and use of terms related to all areas of medical science, hospital services, and health related fields.

Mrs 310, 311, 410, 411. Theory of Medical Record Science. (19 quarter hours 4, 6, 5, 4 respectively).
A survey of the history and development of medical record systems; an in-depth study of the principles of securing, analyzing, processing, preserving, and using medical data; development of indexes, registers, and hospital statistics; inter-relationships of various types of institutions and agencies involved in health care.

Mrs 319. Fundamentals of Management. (3 quarter hours.)
An introductory study of the management process and the fundamental functions of planning, organizing, actuating, and controlling with emphasis on managerial planning.

Mrs 320. Organization and Administration. (3 quarter hours.)
A study of the planning function of management as related to office management in a medical record department.

Mrs 321. Organization and Administration II. (3 quarter hours.)
An in-depth study of the organizing and controlling functions of management.

Mrs 420. Organization and Administration III. (3 quarter hours.)
A study of the actuating function of management covering such topics as psychology of personnel, selection and placement of personnel, employee training, salary administration, and supervision.

Mrs 421. Organization and Administration IV. (3 quarter hours.)
Student projects and research designed to utilize skills and knowledge from other courses related to management of a medical record department. Independent study.

Mrs 340, 341, 440, 441. Directed Experience. (10 quarter hours 1, 2, 1, 6 respectively.)
Supervised learning experience through which the student develops insight, understanding and skill in record keeping in hospitals and other medical institutions. The student learns to deal with problems of department and personnel management, accepts responsibilities for certain jobs in the medical record department, gains experience in working with professional and non-professional groups in a health agency, and recognizes the need for preservation of the confidentiality of medical information.

Mrs 401, 402. Fundamentals of Medical Science. (10 quarter hours 5,5.)
An introduction to medical science including study of nature and cause of disease, treatment and management of patients. Presented by physicians representing all of the major clinical areas of medicine.

Mrs 422. Legal Concepts for the Health Fields. (3 quarter hours.)
Principles of law affecting health records; rights of persons requiring information from medical records; medicolegal problems; court procedures; principles of ethics; management of release of information from hospital medical records.

Mrs 425. Director's Seminar. (3 quarter hours.)
Seminar on situations encountered in medical record departments in hospitals, clinics, and other medical facilities.

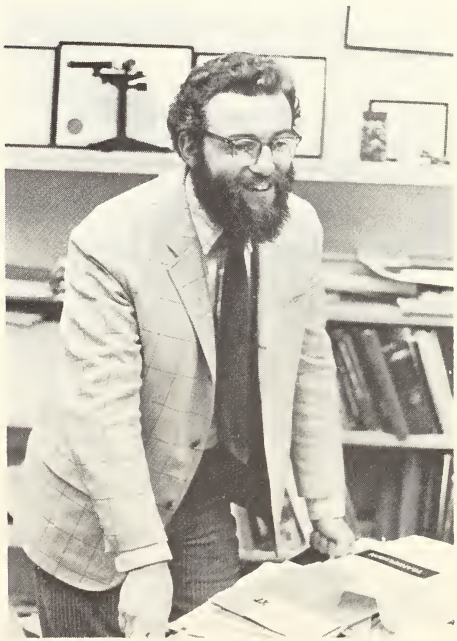
Sta 301. Elementary Medical Statistics. (3 quarter hours.)
The student is introduced to basic statistical principles; classification, analysis, interpretation, and presentation of data; and research methodology.

Mrs 430. Data Processing Systems I. (6 quarter hours.)
A study of the application of newer techniques of data processing, data management, and information storage and retrieval to the needs of medical institutions. Emphasis is placed on problem solving and systems design.

Mrs 431. Data Processing Systems II. (3 quarter hours.)
Practical application of principles and procedures presented in Mrs 430.

Travel Releases

Students under 21 years of age will be required to file with the Chairman of the Department written permission by parents or guardian for travel by public and/or private carrier.



Medical Technology

Chairman: Armand B. Glassman, M.D.

Medical Technology is an established Allied Health Profession providing patient diagnosis and treatment through laboratory application of biological, immunologic and chemical principles. The curriculum is designed to take advantage of rapid advancement in the art and science of medical technology. Innovative and interested full time faculty educators, all of whom have had practical experience, provide the foundation for an excellent educational opportunity. A primary goal of our program is to encourage a graduated academic experience so that the student can gain increasing confidence and competence in the variety of subjects which will have to be mastered in order to engender the best in patient care. Hopefully continued revision of the curriculum will permit an opportunity for emphasis in specific areas of student interest in an adaptative way for the future.

Accreditation

The Medical Technology program is approved by the Council on Medical Education of the American Medical Association in collaboration with the Commissioner of Medical Technology and with the Board of Schools of Medical Technology of the American Society of Clinical Pathologists.

Graduates are eligible for examination by the Registry of Medical Technologists of the American Society of Clinical Pathologists.

Fees and Expenses

Estimated Student Expenses Per Academic Year

	Junior Year	Senior Year*
Matriculation fee **	435	580
Student Health fee ***	30	40
Student Activities fee ***	30	40
Books and Supplies	210	280
Uniforms	100	—
Housing ****	330	440
Food	600	800
Personal, miscellaneous	450	600
Total	**$2,185**	**$2,780**

* Senior year requires four quarters to complete.
** Non-Resident, Tuition (in addition to matriculation fee) $240 per quarter.
*** Student health and Student Activity fees are $10 each per quarter.
**** See General Information for the cost of on-campus housing options. See General Information section for hospitalization and life insurance costs.

Application Procedures

Application forms with instructions for completing the admission procedure may be obtained from the Office of Admissions. Applications for the entering class of September, 1972, must be filed no later than 21 days prior to registration. Early application is recommended. No application fee is required. Students applying for September admission will be notified by June 15. Students applying for January admission will be notified by September 15. Students applying for March admission will be notified by January 15. Students applying for June admission will be notified by March 15.

Students may begin their senior years in either the summer or fall quarter. When notified of acceptance, the applicant is requested to accept or decline the appointment in writing to the Department of Medical Technology. The Department should be notified no later than six weeks prior to the intended admission date.

Requirements for Admission

Admission and academic requirements of the Medical College of Georgia must be met. Applicants may attend any accredited college or university of their choice for the freshman and sophomore years. Accepted students transfer to the Medical College program in Medical Technology at the beginning of their third year. Preference will be given to those applicants who have demonstrated superior ability in all academic areas. A personal interview is required of all applicants. Admission requirements, in addition to those listed in the General Information Section, include a curriculum for the freshman and sophomore years which contains a minimum of 90 quarter hours (exclusive of Physical Education) of acceptable work. All applicants must satisfy the U.S. and Georgia History and Constitution requirements by examination or academic courses. It is the responsibility of each student to make arrangements for these courses or to complete satisfactorily an examination on the subjects. These arrangements should be made prior to enrollment at the Medical College of Georgia.

Core requirements for admission to the junior year include:

	Quarter Hours	Semester Hours
English	20	12
Humanities		
Speech		
Sciences		
Chemistry	15 - 20	9 - 12
Biology	15 - 20	9 - 12
Mathematics	10	6
Physics	5	3
Social Science	5 - 15	3 - 9
Political Science		
American History		
Free Elective	5 - 10	3 - 9
Total	90	60

Curriculum

At the beginning of the third year of college the student enters the program at the Medical College of Georgia. Courses in the professional program are offered on this campus and at Augusta College. Clinical experiences are planned at the Eugene Talmadge Memorial Hospital and the University Hospital, Augusta, Georgia.

Junior Year	Quarter Hours
Chemistry	5 - 10
Biology	10 - 15
Social Sciences	10 - 15
Electives	5 - 15
	45

Years Total Credit Hours

All students must satisfy the three year requirements of the Registry of Medical Technologists of the American Society of Clinical Pathologists before admission to senior standing. These requirements include a minimum of 24 quarter hours of Chemistry and 24 quarter hours of Biology.

Scholarship and Promotion

Promotion of student from one year to the next is dependent upon the satisfactory completion of each year's work. Promotions are considered on the basis of recommendations by individual instructors, on departmental evaluations, and on the student's total records.

The faculty has the obligation and right to determine the methods of evaluation by performance or by examination, and to evaluate each student individually. Comprehensive examinations may be scheduled at the end of the fourth year.

Senior Year	Quarter Hours
Hs 400. Introduction to Management Decision Concepts	3
Mtc 440-441. Clinical Chemistry	8
Mtc 442. Clinical Practicum Chemistry	6
Mtc 445. Quality Control	3
Mtc 448. Microbiology	8
Mtc 449. Clinical Practicum Microbiology	6
Mtc 472. Immunohematology Related to Transfusion Services	7
Mtc 473. Clinical Practicum Blood Bank	6
Mtc 481. Hematology	7
Mtc 482. Clinical Practicum Hematology	6
Mtc 484. Special Procedures	0
Mtc 493. Medical Technology Seminar	1
Mtc 494. Directed Individual Study	TBA
Years Total Credit Hours (MINIMUM)	60

Course Descriptions

Junior Level (Lecture-Lab-Credit)

Mrs 301A. Medical Terminology (3-0-3)
A study of anatomy and terms related to all medical science, hospital services, and health related specialties, taught as a part of Mrs 301. See Medical Records for course description.

Mtc 362. Instrumentation
A course in laboratory instrumentation covering the working principles of those instruments used in laboratory medicine.

Mtc 370. Introductory Microbiology (2-0-2)
Fundamental principles and techniques of general microbiology. Attention will be given to growth, nutrition, inheritance and ecology of representative types of microorganisms.

Mtc 375. Immunology (4-4-5)
Mechanisms of infection and host resistance; principles and techniques of serology.

Bio 201. Invertebrate Zoology (4-6-5)
Prerequisites: Biology 102 or 103.
An examination of the morphology, physiology and life histories of representative invertebrates. (Augusta College)

Bio 202. Vertebrate Zoology (3-4-5)
Prerequisites: Biology 102 or 103.
The morphology, physiology, and life histories of representative vertebrates. (Augusta College)

Bio 301. Cell and Molecular Biology (3-4-5)
Prerequisites: Biology 102 or 103, Chemistry 102, and permission of Instructor.
The biochemical composition, the microscopic and fine structure and the capabilities of cells. (Augusta College)

Bio 302. Genetics and Development (3-4-5)
Prerequisite: Biology 301.
The historical and contemporary aspects of mechanisms of inheritance. The genetic basis of biological variation and differentiation. (Augusta College)

Bio 311. Introductory Microbiology (3-4-5)
Prerequisites: 10 hours of biological science and 5 hours of chemistry or permission of the Instructor. A study of microorganisms and their relationship to human welfare. (Augusta College)

Bio 312. Comparative Vertebrate Anatomy (3-4-5)
Prerequisites: Biology 102 or 103.
An examination of the gross morphology of various selected types of chordates. The development of a modern phylogenetic point of view. (Augusta College)

Bio 314. Principles of Physiology (3-4-5)
Prerequisites: Biology 102 or 103, and Chemistry 341.
A comparative study of the physiological control mechanisms. The main themes include sensory reception, the mechanisms of homeostasis, transformation of energy by living systems and the physiology of effector systems. (Augusta College)

Bio 315. Histology (3-4-5)
Prerequisites: Biology 102 or 103.
A descriptive study of tissues composing various organs of the vertebrate body. (Augusta College)

Anm 320. Anatomy and Physiology (5 quarter hrs)
Course description is listed under Medical Records.

Anm 321. Anatomy and Physiology (5 quarter hrs)
Course description is listed under Medical Records.

Chm 103. Introductory Analytical Chemistry (3-6-5)
Prerequisite: Chm. 102.
A continuation of Chm. 102 and includes ionic equilibria, pH, buffers, solubility products, and hydrolysis. The laboratory includes separation and identification principles and practices for common cations as well as introductory quantitative analysis. A non-compulsory problem session one day per week is normally scheduled. (Augusta College)

Chm 245. Basic Organic Chemistry and Biochemistry (4-2-5)
Prerequisite: Chm. 101 or 105.
Fundamental elements of organic chemistry and biochemistry, emphasizing biochemical changes taking place in life processes. (Augusta College)

Chm 281. Quantitative Inorganic Analysis (3-8-6)
Prerequisite: Chm. 103.
The theories, principles, and practices of volumetric, gravimetric, and elementary instrumental analysis. (Augusta College)

Chm 341. Organic Chemistry I (4-3-5)
Prerequisite: Chm. 102.
A systematic study of the composition, nomenclature, preparations, and reactions of compounds of carbon. Reaction mechanisms will be introduced. (Augusta College)

Chm 342. Organic Chemistry II (4-3-5)
Prerequisite: Chm. 341.
A continuation of Chm. 341. (Augusta College)

Mtc 363. Biochemistry (4-6-5)
A course in the fundamental elements of biochemistry, emphasizing biochemical changes taking place in life processes. The laboratory deals primarily with diagnostic chemical tests.

Sta 301. Elementary Medical Statistics. (3-0-3)
Basic statistical principles, sampling, classification of data, classification of types of studies, interpretation and methods of presentation of medical information.

Senior Level

Hs. 400. Introduction to Management Decision Concepts (3-0-3)
Course description is listed under Management Decision Concepts.

Mtc 440. - 441. Clinical Chemistry (5-9-8)
A transition from basic chemistry to chemistry as applied to medicine. Fundamental concepts as they pertain to colloids in relation to carbohydrates, fats, and proteins. Methodology of examination of body fluids, secretions and excrements including basic analysis and microscopic examination of urine and the use of these as a diagnostic tool.

Mtc 445. Quality Control (3-0-3)
Quality control including statistical, biological and mechanical methods as applied to all areas of the clinical laboratory.

Mtc 442. Clinical Practicum Chemistry (5-30-6)
Practical application and techniques in Clinical Chemistry.

Mtc 448. Clinical Microbiology (5-9-8)
Distribution and nature of pathogenic microorganisms; mechanism of transmission, pathogenesis; means of control or prevention; methods of isolation and identification as well as related serological methods. Includes bacteria, fungi, and parasites. Theoretical and practical knowledge is increased by preceptorship, the students working with materials and problems related to the services and functions of the division. Included is practical experience in mycology, bacteriology, parasitology, agglutination, and immunological procedures that are applicable to the identification of organisms or clinical entities other than those related to blood banking.

Mtc 449. Clinical Practicum Microbiology (5-30-6)
Practical application and techniques in medical microbiology.

Mtc 472. Immunohematology Related to Transfusion Service (5-6-7)
A basic outline of immunogenetics, the fundamentals of antigen-antibody reactions, and a survey of the various blood group systems as they relate to medicine with practical experience and personal instruction in all aspects of blood banking, including donor room experience from the interviewing of donors to the proper drawing of a unit of blood. In the preparation areas, the proper procedures and controls in the preparation of a unit of blood for distribution to the crossmatching line are taught. In problem assignments students learn how to approach the identification of an unknown antibody, the titering of antibodies, and how to work toward the identification of an unknown blood group.

Mtc 473. Clinical Practicum Blood Bank (5-30-6)
Practical application and techniques in blood banking.

Mtc 481. Clinical Hematology (5-6-7)
Introduction to fundamental principles of formation, fluidity and coagulation of the blood with practical experience in the theories and problems of hemoglobinometry from the standardization of the instruments to bench work. Practical experience is given in the identification of various cell types. Experience is gained in recognizing abnormal cells as they appear in smears from patients with blood dyscrasias. The automatic instruments of pipetting and cell counting are used to gain familiarity with their use and the theory of the principles upon which they are based. In coagulation, students take part in the team that does the various battery of tests to elucidate the problem of abnormal bleeding or those done to control therapy.

Mtc 482. Clinical Practicum Hematology (5-30-6)
Practical application and techniques in hematology.

Mtc 484. Special Procedures (No Credit)
Three activities are undertaken in this course.
(a) The principles and practices in the use of electrocardiography.
(b) Discussions of principles of basal metabolism.
(c) Basic theories of preparation, sectioning and staining of tissue.

Mtc 493. Seminar in Medical Technology (1-0-1)

Mtc 494. Directed Individual Study. (To be Arranged)

Other Programs

The program in Medical Technology, offered by the College in conjunction with the University of Georgia, will continue as follows:

Following satisfactory completion of 165 quarter hours of prescribed work at the University, the student will spend four quarters at the Medical College, registering for classes at the beginning of the summer or fall quarter. After acceptable completion of a year's study on the Medical College campus, the student returns to Athens to receive his degree of Bachelor of Science with a major in Medical Technology. This program may be in effect for a limited period of time. Therefore, before choosing the option contact the Chairman of the Department of Medical Technology.

Requirements for Graduation

In addition to the 90 quarter hours of transfer credit permitted as noted in the Admission Requirements, a minimum of 105 quarter hours of credit must be earned in this department towards the baccalaureate degree. Recommendations for graduation are made by the faculty of the Department of Medical Technology.

Department of Occupational Therapy

Chairman: Nancy D. Prendergast, M.Ed., O.T.R.

Objectives

Occupational therapy is a health profession which contributes to the physical and emotional independence and well-being of an individual through the use of selected activities. The focus of occupational therapy is meaningful involvement in problem-solving tasks and productive performance to promote and maintain health, evaluate behavior, diminish dysfunction and pathology, and enhance the capacity to function with satisfaction to self and others.

The frame of reference for occupational therapy is derived from the biological and behavioral sciences with particular emphasis on those aspects related to man's acquisition and integration of behavior necessary for self-care, productivity and social development. The special knowledge and skills of the registered occupational therapist include:

The ability to evaluate an individual's need for activity and his response to it within the context of the developmental process.

Knowledge and understanding of activities, their real and symbolic meanings, as they relate to man's physical and psychological potential and emergent functional skills.

The ability to adapt the activity or the activity environment to the selected purpose.

Thus, occupational therapy focuses on human action and thereby facilitates active, rather than passive, participation in life.

Upon referral from qualified physicians and others in the broader health care community, the registered occupational therapist may focus on one or more of the following:

Prevention: to identify potential problems and/or maintain adequate functioning levels.

Treatment: to alleviate or eliminate dysfunction.

Support: to maintain present functioning and increase receptivity to treatment.

Habilitation or Rehabilitation: to utilize assets to increase functional capacities.

Opportunities

The registered occupational therapist works in general and special hospitals, clinics, rehabilitation centers, public health and other community agencies, nursing homes, special schools and neighborhood health centers as well as in private practice and in colleges and universities.

There is an acute shortage of registered occupational therapists. Thousands of positions at all levels are waiting to be filled and new positions are being created.

Fees and Expenses

Estimated Student Expenses Per Academic Year (3 quarters)	First Year	Second Year
Matriculation Fee*	435	435
Student Health Fee	30	30
Student Activity Fee	30	30
Books and Supplies	200	150
Uniforms	60	-00
Field Trips and Travel	75	250
Housing**	330	330
Food	600	600
Personal, miscellaneous	450	450
Total	**2,210**	**2,275**

* Resident Matriculation fee is $145 per quarter.
Non-resident tuition (in addition to matriculation fee) is $240 per quarter.
** These are approximate costs for those who wish to live on campus.
Note: Student Health and Activities fees are $10 each per quarter.

Special Needs

Students who are accepted into the program must be prepared to travel to facilities throughout the Southeast United States to complete the full-time clinical affiliation requirements in the senior year of study. Some travel may also be required to facilities in Georgia and South Carolina during the junior year. Financial assistance for these additional expenses cannot be guaranteed although every effort will be made to assist students with major financial problems.

Admission Requirements

Applicants may attend any accredited college or university of his choice for the freshman and sophomore years; however, all requirements of the Medical College of Georgia must be met.

The following subjects or subject areas are to be included in the students pre-professional course work:

Biological Sciences:	**Quarter Hours**
Biology	10
Chemistry	10
Chemistry	5
Physics	5
Behavioral Sciences:	
General Psychology	5
Abnormal Psychology	5
Introductory Sociology	5
Advanced Sociology	5
English	10
History and/or Anthropology	10
Mathematics	5

Electives:

It is suggested that some electives be taken in fine and applied arts, manual arts, and/or home economics.

Interested applicants should contact the Medical College of Georgia, School of Allied Health Sciences, Department of Occupational Therapy as early in their academic program as possible.

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained from the office of the Registrar.

Early application is recommended. No application fee is required.

1. It is best to complete all application requirements by April 30 of the year in which one is applying for admission in September. Applications completed after this time will be considered on a space available basis.
2. Have a personal interview with the Chairman or other designated person prior to April 30 of the year one is applying for fall admission.
3. Have completed at least 90 quarter hours (60 semester hours) exclusive of physical education with a minimum grade point average (on a 4.0 system) of C (2.0) overall and C + (2.5) in the sciences.

Financial Aid

In addition to the sources of financial aid available to all College students, there are some sources available specifically for students enrolled in an occupational therapy curriculum. For information on these sources contact: Chairman, Department of Occupational Therapy, Medical College of Georgia.

Curriculum

The curriculum in Occupational Therapy at the Medical College of Georgia is planned in accordance with the essentials of an accredited curriculum in occupational therapy as established by the Council on Medical Education of the American Medical Association and the American Occupational Therapy Association.

The occupational therapy curriculum is designed as a continuum of learning experiences so organized as to facilitate the personal and professional growth of the student. While the main objective of the program is to prepare the student to function as a clinician, because of the nature of the profession, he must be exposed to concepts of education, research and management.

The curriculum has three major components: human biology and pathology, the developmental process and interruptions to the process, and alternatives to dysfunction.

The human biology component serves as the basic structure from which the student derives knowledge and understanding of the body and its systems. The human development component serves to identify those aspects of most concern to occupational therapy and as a vehicle for analysis of the activities in which man engages at various ages and stages of life. Concurrently, disease and dysfunction in man will be studied with the major emphasis on contemporary health problems and issues.

Laboratory, clinical and community experiences are utilized extensively throughout the curriculum to provide

for active involvement of the student in his learning. Major emphases are on the social-cultural milieu of the community and examination of the development of the individual's capacities and roles in the family, school and community. The adaptation and modification of activities, design of adaptive equipment and devices, prosthetics and orthotics is included in the laboratory and clinical experiences.

Full time clinical affiliations are undertaken in the senior year. A minimum of six months clinical experience is required. A portion of this experience may be taken during the summer following the junior year.

The final quarter of the senior year includes the study of newer and more advanced occupational therapy procedures and processes, principles of management, an independent study and an introduction to research design and methodology.

A Bachelor of Science degree and a Certificate of Clinical Proficiency are awarded upon successful completion of the curriculum and fulfillment of the requirements of clinical affiliation. The graduate is then recommended to sit for the national registration examination leading to admission to the National Registry maintained by the American Occupational Therapy Association.

Department Of Physical Therapy

Chairman: Bella J. May, Ed.D.

Physical therapy is one of the allied health professions dedicated to the rehabilitation of handicapped individuals. As a member of the health team the physical therapist utilizes a variety of therapeutic measures, including exercise, heat, electricity, etc., to help the patient regain the maximum amount of function possible within the limits of his disability.

Patients are referred to the physical therapist by physicians who guide the overall activities of the health team. The physical therapist must be able to determine the extent of functional loss then plan and execute an appropriate therapeutic program in close cooperation with the physician, nurse, occupational therapist, social worker and other health care professionals.

Physical therapists are employed in a variety of health care facilities such as hospitals, rehabilitation centers, convalescent homes, schools, public health facilities, and clinics; some enter private practice. In addition to direct patient evaluation and treatment they may be called upon to supervise personnel, serve as consultants for various community agencies, teach or do research.

Opportunities

Physical therapy is a rapidly expanding career field with projected needs far greater than available personnel. Salaries are commensurate with other professions requiring baccalaureate degrees; opportunities for advancement are limited only by the individual's capabilities and motivation. Increasing public demand for a greater quantity and an improved quality of health care services will continue to increase the employment opportunities. The recent addition of the physical therapy assistant as a technical worker in this field will free the professional for greater involvement with varied and challenging health care positions.

Objectives

Physical therapy is an interactive process with the patient as a full partner in the program. The physical therapist must establish a cooperative relationship with each patient and his family. It is imperative for the physical therapist to have an understanding of human behavior and responses and to find the human relation process interesting and fulfilling. He must also have an interest in and an aptitude for scientific study.

Requirements for Admission

Applicants may attend any accredited college or university of his choice for the freshman and sophomore years; however, all requirements of the Medical College of Georgia must be met. Preference will be given to those applicants who have demonstrated superior ability in all academic areas. In planning his course work for the first two years the student should provide himself with a broad base of experiences to help him identify his areas of interest and competence as well as to give him a wide background to meet the varied challenges of modern society. Physical therapy is a profession which requires a knowledge of human behavior, physical and psychological, as well as a knowledge of man's history, literature, art, music, communicative skills, society past and present, economic problems, educational patterns and business methods. Prospective applicants are encouraged to contact the Department of Physical Therapy early in their academic careers to insure their completing the necessary

prerequisites. Accepted students are admitted to the program at the beginning of the junior year of study.

Specific Requirements

In addition to the general admission requirements listed by the Medical College, School of Allied Health Sciences, applicants should have:

	Quarter Hours
Humanities	20

This should include at least 2 courses in grammar, composition, or writing skills. The remainder may be in literature, art, music, foreign languages, etc., or a combination of these areas.

Social Science	15

Including but not limited to history, political science, sociology, anthropology, philosophy, etc. Prior to graduation students must satisfy the U.S. and Georgia History and Constitution requirements by examination or course work. It is recommended that this be completed prior to transfer to the College.

Psychology	10-15

In addition to general or introductory psychology, the student should try to select courses dealing with some aspect of human behavior and human growth and development.

Mathematics	5

Sciences

Chemistry	5-10
Physics	5-10

Students must complete at least one laboratory course each in general chemistry & general physics. It is recommended that at least 2 courses be taken in each area.

Biology	15

Students must complete the equivalent of 15 hours of laboratory courses in the biological sciences. Acceptable courses include: Biology, zoology, embryology, genetics, and other laboratory courses in the biological sciences.

Electives	5-15

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained from the office of the Admissions Counselors.

Early application is recommended. No application fee is required.

1. Applications must be completed by April 1 of the year in which one is applying for admission in September.
2. Have a personal interview and complete all application procedures prior to April 30 of the year one is applying for fall admission.
3. Have completed at least 90 quarter hours (60 semester hours) exclusive of physical education with a minimum grade point average (on a 4.0 system) of C (2.0) overall and C (2.5) in the sciences.

Completed applications will be reviewed in May of each year and applicants will be notified of the final action on their applications by June 1.

Financial Aid

In addition to the sources of financial aid available to all College students there are some sources available specifically for students enrolled in a physical therapy curriculum. For information on these sources contact: Chairman, Department of Physical Therapy, Medical College of Georgia.

Fees and Expenses

Estimated Student Expenses Per Academic Year	First Year	Second Year
Matriculation fee*	435	435
Student Health Fee	30	30
Student Activity fee	30	30
Books and Supplies	170	170
Uniforms	100	40
Field Trips	75	900
Housing**	330	330
Food	600	600
Personal, miscellaneous	500	500
Total	2,365	3,035

*Resident Matriculation fee is $145 per quarter.
Non-resident tuition (In addition to Matriculation fee) is $240 per quarter.
** These are approximate costs for those who wish to live on campus.
Note: Student Health and Activities fees are $10 each per quarter.
See General Information section for hospitalization and life insurance costs.

Special Needs

Students who are accepted into the program must be prepared to travel to facilities throughout the Southeast United States to complete the internship requirements during the senior year of study. Some travel will also be required to facilities in Georgia and South Carolina during the junior year. Financial assistance for these additional expenses cannot be guaranteed although every effort will be made to assist students with major financial problems.

The Curriculum

The curriculum covers the junior and senior years leading to a Bachelor of Science degree with a major in physical therapy. A detailed study of normal human function, structures, and systems is followed by a study of the various pathological conditions which interfere with function and the medical, surgical and therapeutic procedures which are utilized to enable the patient to regain the maximum amount of function possible. Students are also introduced to basic research procedures, supervisory and management activities and educational systems in health care.

Classroom, laboratory, clinical and independent study experiences are provided. Following the two academic years, students complete a period of internship for not more than four months. The clinical facilities are selected to provide a broad base of experiences in a variety of settings.

The curriculum has been designed to meet the accreditation requirements of the Council on Medical Education of the American Medical Association and of the American Physical Therapy Association. Graduates will be eligible for the licensing examination required for the practice of physical therapy.

Junior Year

Fall Quarter		Quarter Hours
Anm 320.	Human Anatomy & Physiology I	5
Anm 330.	Advanced Systemic Anatomy	4
Phy 330.	Advanced Systemic Physiology	2
Ahs 330.	Health Care Environment	3
Pth 300.	Dynamics of Human Function I	4

Winter Quarter		
Anm 321.	Human Anatomy & Physiology II	5
Anm 331.	Neuroanatomy	3
Phy 331.	Neurophysiology	3
Pth 301.	Dynamics of Human Function II	2
Pth 310.	Concepts of Dysfunction I	4
Pth 320.	Clinical Experience I	1

Spring Quarter		
Pth 311.	Concepts of Dysfunction II	10
Pth 340.	Interpersonal Communications	5
Pth 321.	Clinical Experience II	2

Senior Year:

Fall Quarter		
Pth 410.	Concepts of Dysfunction III	10
Pth 420.	Clinical Experience III	2
Sta 430.	Research Methodology	5

Winter Quarter		
Pth 411.	Concepts for Dysfunction IV	3
Pth 431.	Community Health	5
Pth 432.	Learning Processes	3
Pth 440.	Independent Study	3-5
Pth 421.	Clinical Experience IV	2

Spring Quarter		
Pth 434.	Designs for Administration	5
Pth 433.	Seminar in Physical Therapy	5
Pth 441.	Independent Study	3-5
Pth 422.	Clinical Experience V	2

Summer Quarter		
Pth 423.	Clinical Experience VI	2

Course Descriptions

Ahs 300. The Health Care Environment. (Offered fall quarter junior year.)
An introductory study of the present system of health care on the local, state, national and international levels. The changing patterns of health manpower needs and the emerging trends of health care are explored. Selected patient studies are used to present the social, cultural and economic aspects of health care delivery.

Anm 320-321. Human Anatomy & Physiology I, II. (4 lecture and 2 laboratory hours per week, fall and winter quarters, junior year.)
A core course developed for all students in the School of Allied Health Sciences for the study of human anatomical and physiological processes on a systemic basis. Lecture and laboratory experiences will be provided in the development of integrated learning experiences in gross anatomy, physiology, embryology, and histology.

Anm 330. Advanced Systemic Anatomy. (2 lecture and 6 laboratory hours per week, fall quarter, junior year.)
Advanced experiences in gross anatomy with human dissection will be provided for students in the Department of Physical Therapy. This course will run concurrently with the core anatomy and physiology course and will be utilized to provide greater depth of experiences in related areas.

Phy 330. Advanced Systemic Physiology. (1 lecture and 3 laboratory hours per week, fall quarter, junior year.)
Advanced experiences in human physiology will be provided for students in the Department of Physical Therapy. This course will run concurrently with the two anatomy courses to provide in depth and integrated experiences for students.

Anm 331. Neuroanatomy. (2 lecture and 4 laboratory hours per week, winter quarter, junior year.)
An in-depth study of neuroanatomical structures, with human dissection, for students in the Department of Physical Therapy and presented concurrently with the second quarter of the core anatomy and physiology course.

Phy 331. Neurophysiology. (2 lecture and 4 laboratory hours per week, winter quarter, junior year.)
An in-depth study of neurophysiological functions designed for students in the Department of Physical Therapy and presented concurrently with the neuroanatomy course.

Pth 300, 301. Dynamics of Human Functions I, II.
The study of kinesiology, biomechanics, growth and development, normal gait, and patterns of human motion. Classroom and laboratory experiences presented in the fall and winter quarters of the junior year and directly correlated with subject matter study in anatomy and physiology.

Pth 310, 311, 412, 412. Concepts of Dysfunction I-IV. (A continuum covering the winter and spring quarters of the junior year and the fall and winter quarters of the senior year.)
The study of all relevant pathological, medical and therapeutic concepts related to the practice of physical therapy. Included will be physical therapy techniques and procedures, evaluative processes and development of treatment programs in relation to dysfunctions. Classroom and laboratory experiences spiraling from the simple to the complex will be utilized to help the student develop the necessary skills in physical therapy. Seminar experiences on the psychological, philosophical, and social aspects of illness and disability will be included in appropriate areas.

Sta 430. Research Methodology. (A one quarter course offered in the fall quarter of the senior year.)
Introduction to basic statistics and research designs including common theories and methods of application.

Pth 431. Community Health. (A one quarter course offered in the spring quarter of the junior year.)
The study of public and community health programs and the role of physical therapy in community medicine. Classroom and directed experiences in various aspects of public health.

Pth 434. Designs for Administration. (A one quarter course offered in the spring quarter of the senior year.)
Theories and application of administrative activities including personnel relations, budgeting, planning, and designing departments.

Pth 432. Learning Process. (A one quarter course offered in the winter quarter of the senior year.)
Introduction to learning theory with application to physical therapy and special emphasis on continuing education.

Pth 433. Seminar in Physical Therapy. (A one quarter course offered in the spring quarter of the senior year.)
A seminar to explore special problems in physical therapy and health care.

Pth 340. Interpersonal Communications. (One quarter course, Spring, Junior Year).
The course is designed to assist the student to develop interpersonnal communications skills and to serve as an introduction to the principles and techniques used in the helping process.

Pth 440, 441. Independent Study.
Time and credit for independent study and special projects will be available for each student during the winter and spring quarters of the senior year. The purpose will be to provide each student with the opportunity to study some aspect of physical therapy and health care in depth. These experiences will be designed by each student with guidance from appropriate members of the faculty.

Pth 320, 423. Clinical Experience I-IV.
Clinical experiences in a variety of health care facilities will be provided beginning in the winter quarter of the junior year and continuing through the remainder of the curriculum.

Radiologic Technology

Chairman: C. H. Hall, R.T.
Medical Director: Mark D. Brown, M.D.

During the last decade there has been great progress and expansion in medical sciences, including the field of Radiologic Technology.

In order to make the best use of the larger and more complicated Radiological installation in modern medicine, it is essential that technologists entering the field should have a broader education than the case in the past.

Objectives

The program at the College was inaugurated to produce Radiologic Technologists with the kind of educational background that will better enable them to deal with these recent developments in Radiologic Technology.

Radiologic Technologists with some years of experience are encouraged to enter the program in order to improve their education so that they may put the technical knowledge they have gained to better use.

Those students entering the field for the first time will be better prepared, after some years of working experience, to move on into positions of leadership and responsibility.

Accreditation

The Radiologic Technology programs comply with all policies, standards and procedures established by the American Registry of Radiologic Technologists and has the approval of that body together with the approval of the Commission on Technician Affairs of the Board of the American College of Radiology. The department of Radiologic Technology in the School of Allied Health Sciences at the College in cooperation with the Department of Radiology offers the following programs in Radiologic Technology.

Bachelor of Science Degree

The baccalaureate degree program at the Medical College leads to a Bachelor of Science degree in Radiologic Technology and includes preparation for advanced work in nuclear medicine, radiation, therapy and teaching. Students enrolling in the degree program follow a course combining both scholastic studies and highly specialized on-the-job training at the Medical College.

Three Year

A three year course, open to registered Radiologic Technologists, offers a Bachelor of Science degree in Radiologic Technology. Upon proof of registration, students who pass a validation examination may be awarded 45 quarter hours of college credit in radiologic subjects.

Two Year Registration

A 24-month program for high school graduates leads to certification as a Radiologic Technologist by the American Registry of Radiologic Technologists, upon successful completion of its examination.

Registration In Nuclear Medicine Technology

A one year course in Nuclear Medicine Technology leading to registration as an Isotope Technologist by the American Registry of Radiologic Technologist. To enter this program an applicant must be a registered Radiologic Technologist, Medical Technologists, a Registered Nurse, or have completed four years of college work with emphasis on scientific subjects.

Students enrolling in the degree program follow a course combining scholastic studies at Augusta College and highly specialized on-the-job training within the Department of Radiology at the College. The prevailing academic standards at both these institutions must be met.

All radiologic courses closely follow the recommendations set forth in the Curriculum and Teachers Syllabus for Schools of Radiologic Technology, published by the American Society of Radiologic Technologists.

While great care will be taken not to jeopardize a student's academic security it must be realized that this is a developing program, and courses may be added or deleted as necessary to improve the quality of the curriculum.

Application:

Application forms may be obtained from the Admissions Counselors office. Early application is recommended.

Requirements for Admission

The general requirements for admission are set-out in General Information. In addition, the nature of the work to be undertaken, requires that an applicant be healthy and of good physique. The applicant must also show an understanding and sympathetic appreciation of the needs of sick patients. Preference will be given to those applicants who have demonstrated satisfactory academic ability, particularly in scientific subjects.

In order to enter the two-year B.S. course, a liberal arts curriculum should be followed during the first two-years of college and should include 90 quarter hours of the following:

English	10
Humanities	10
Mathematics (through Trigonometry)	10
Science (Four courses from Biology, chemistry, physics)	20
Electives	40
*History	(5)
*Political Science	(5)

*Electives may be substituted for these courses if their requirements have been met by the exemption examination on the History and Constitution of the United States and Georgia.

Education	(5)
Social Sciences (Psychology, philosophy, language, economics, business, western civilization)	(15)
Unrestricted Electives	(10)
Total	**90**

Fees and Expenses

Student health fees of $10 per quarter and the student activities fee of $10 per quarter are required of all students. A sum of $60 should be allowed for books and incidental expenses. Students provide for their own food, lodging and uniforms. Students may live on campus at a reasonable cost, see General Information.

Applicants for the certificate program should write to the Department of Radiological Technology (Mr. Cecil H. Hall, Chairman) for special information on student fees.

Estimated Student Expenses Per Academic Year	First Year	Second Year	Third Year	Fourth Year
B.S. Program				
*Matriculation fee	435	435	435	435
Student Health fee	30	30	30	30
Student Activities fee	30	30	30	30
Books and Supplies	100	60	60	60
Uniforms	50	25	25	25
**Housing	330	330	330	330
**Food	600	600	600	600
**Personal, miscellaneous	450	450	450	450
Totals	**2,025**	**1,960**	**1,960**	**1,960**
Certificate Program				
Student Health Fee	30	30		
Student Activity Fee	30	30		
Books	50	50		
Uniforms	50	25		
**Housing	330	330		
**Food	600	600		
**Personal	450	450		
Totals	**1,540**	**1,515**		

* Resident Matriculation fee is $145 per quarter.
Non-resident tuition (In addition to Matriculation fee) is $240 per quarter.

** These are approximate costs for those who wish to live on campus.
Note: Student Health and Activities fees are $10 each per quarter.
See the General Information section for hospitalization and life insurance costs.

Curriculum

	Quarter Hours
Rad 101, 102, 103	15
Rad 201, 202, 203	15
Rad 301, 302, 303	15
Rad 401, 402, 403	15
Rad 431	5
Rad 451	5
Rad 452	5
Mns 401	5
Further elective from the following or other courses suggested by advisor:	
Rad 441	
Rad 461	
Mrs 402	
Genetics 472	
Statistics 301	
	10
TOTAL	180

Course Descriptions

Rad 101, 102, 103. Radiologic Technology.
Consisting of both didactic and practical instruction covering the history, art, and science of practical radiography at an introductory level.
The subject matter consisting of:
1) Radiological Positioning
2) Radiological Terminology
3) Radiological Anatomy
4) Radiological Film Critique
5) Radiological Techniques
6) Practice in simple radiography and an introduction to radiation therapy.

Rad 201, 202, 203. Radiologic Technology.
A continuation of courses 101, 102, 103 with practice in more advanced radiographic procedures.

Rad 301, 302, 303. Radiologic Technology.
This course consists of Radiologic Technology at the advanced level stressing independent operation of equipment.

Rad 401, 402, 403. Radiologic Technology.
A continuing study of radiographic techniques at a high level, but with an opportunity to specialize for a quarter each in one of the following, at the descretion of the advisor.
1) Departmental management
2) Diagnostic Procedures
3) Hemodynamics
4) Nuclear Medicine
5) Radiation Health Physics and Protection
6) Radiation Therapy
7) Special Procedures
8) Teaching

Rad 431. Advanced Radiologic Physics.
This course covers radiation physics, radiation therapy, dosimetry, and radiation protection.

Rad 451. Radiologic Sensitometry Laboratory.
Laboratory measurements and written reports on film latitude, speed, gamma. The validity of the reciprocity law and the resolving power and exposure time with screens are demonstrated by student experiments.

Rad 452. Nuclear Medicine Laboratory.
Basic laboratory experiments using geiger counters, gamma spectrometers and other detecting equipment to illustrate the use of radioactive isotopes in nuclear medicine and their relationship to clinical medicine and diagnostic techniques.

Mrs 401 Medical Record Science
Course description listed under Medical Record Science Curricula.

Elective Courses Available to Students

Rad 441. Radiation Therapy.
Students would be assigned to the department of radiation therapy and would there continue their studies in the areas of field planning, dosage calculation, x-ray beam filtration, radiation absorption in tissue, measuring instruments and methods employed in radiation therapy.

Rad 461. Medical Isotope Techniques.
The subjects covered would include types of isotopes, their storage and handling. Studies would also include methods of application and measurement and also the handling of patients undergoing treatment. The safe disposal of radioactive waste material and protection of the general public constitute part of the course.

Mrs 402. Medical Record Science.
Course description listed under Medical Record Science Curriculum.

Requirements for Graduation

The General Information section contains requirements for graduation. The faculty of the Department of Radiologic Technology also makes recommendations for graduation based upon a student's ability to develop those qualities considered essential to the profession.

Radiologic Technology certificate students are required to have had 2,400 hours of approved practical experience as part of their graduation requirements.

Radiologic Technology certificate and degree students are required to pass the National Registry requirements to be eligible for graduation.

Division of Health Systems Engineering

Director: Harold E. Smalley, Ph.D.
Associate Director: James B. Mathews, Ph.D.

The Division of Health Systems Engineering (DHSE) engages in education, service and research programs in systems engineering applied to problems and opportunities in the health field. The philosophy of the Division rests on the premise that systematic study of health systems problems and opportunities and improved information for decision-making promote the attainment of the service and educational objectives of the College.

As a professional staff resource of the College, DHSE provides system engineering services on a continuing basis to the Schools of Dentistry and Medicine, the Hospital and Clinics, and other units of the institution. These services involve analysis and design of management systems, facilities plans, information systems, health educational systems and health care systems.

The faculty and professional staff of the Division engage in intramural — and extramural — supported research projects in health facilities planning, health manpower planning and health information systems development. The Division recently completed a major research project, "An Analysis of Optimal Radiographic Location Networks", supported by the National Center for Health Services Research and Development, USPHS.

The Division faculty participates in the "Program in Hospital and Medical Systems", — a Federally-funded program administered jointly by the Medical College and the Health Systems Research Center of the Georgia Institute of Technology, in cooperation with the School of Industrial and Systems Engineering at Georgia Tech. This interdisciplinary, multi-institutional program is designed to meet educational needs and pursue research related to improvements in the management of health services and health education through industrial and systems engineering, operations research and management science. The DHSE staff conducts courses, supervises practica and serves on thesis advisory committees of Georgia Tech graduate students engaged in health-related master's and doctoral research.

DHSE conducts training courses and seminars for MCG faculty, staff and students as a means of promoting the systems approach to health problems and opportunities. The DHSE faculty teaches management science and related courses offered within other educational programs at the Medical College and, through special arrangements, the Business Administration graduate program at Augusta College. DHSE also has begun to develop independent course offerings for which demands have been expressed at the Medical College. The following course descriptions are illustrative of independent DHSE offerings in Health Systems, available on demand with enrollment by consent of the instructor and the student's advisor.

Hs 400. Introduction to Management Decision Concepts. (3 quarter hours; on demand)
An examination of the structure of management decisions in the health field. A framework of decision concepts is developed, using general principles of modern decision theory requiring only the most elementary mathematics.

Hs 401. Introduction to Management Science. (3 quarter hours; on demand)
A survey of quantitative techniques for describing and solving health management problems. Example techniques: critical path methods, linear

programming, queueing theory, statistical sampling methods, scoring models, inventory models.

Hs 402. Economic Consequences of Management Decisions. (3 quarter hours; on demand)
A study of the principles of estimating dollar differences among decision alternatives. Estimation methods involve the notions of: rates of return (interest), compounding of interest, equivalent annual cost, break-even analysis, sensitivity, depreciation, replacement policies for capital equipment and similar cost estimation concepts.

Hs 410. Departmental Systems Management Techniques. (3 quarter hours; on demand)
An application-oriented course in management problem solving, tailored on demand for presentation to specific student groups. Case problems in specific hospital departments are the vehicles for presentation of systematic problem solving techniques and approaches. Example techniques are: work standards, staffing methods and performance measures; scheduling work activities, departmental organization; monitoring and controlling quality; cost reduction methods.

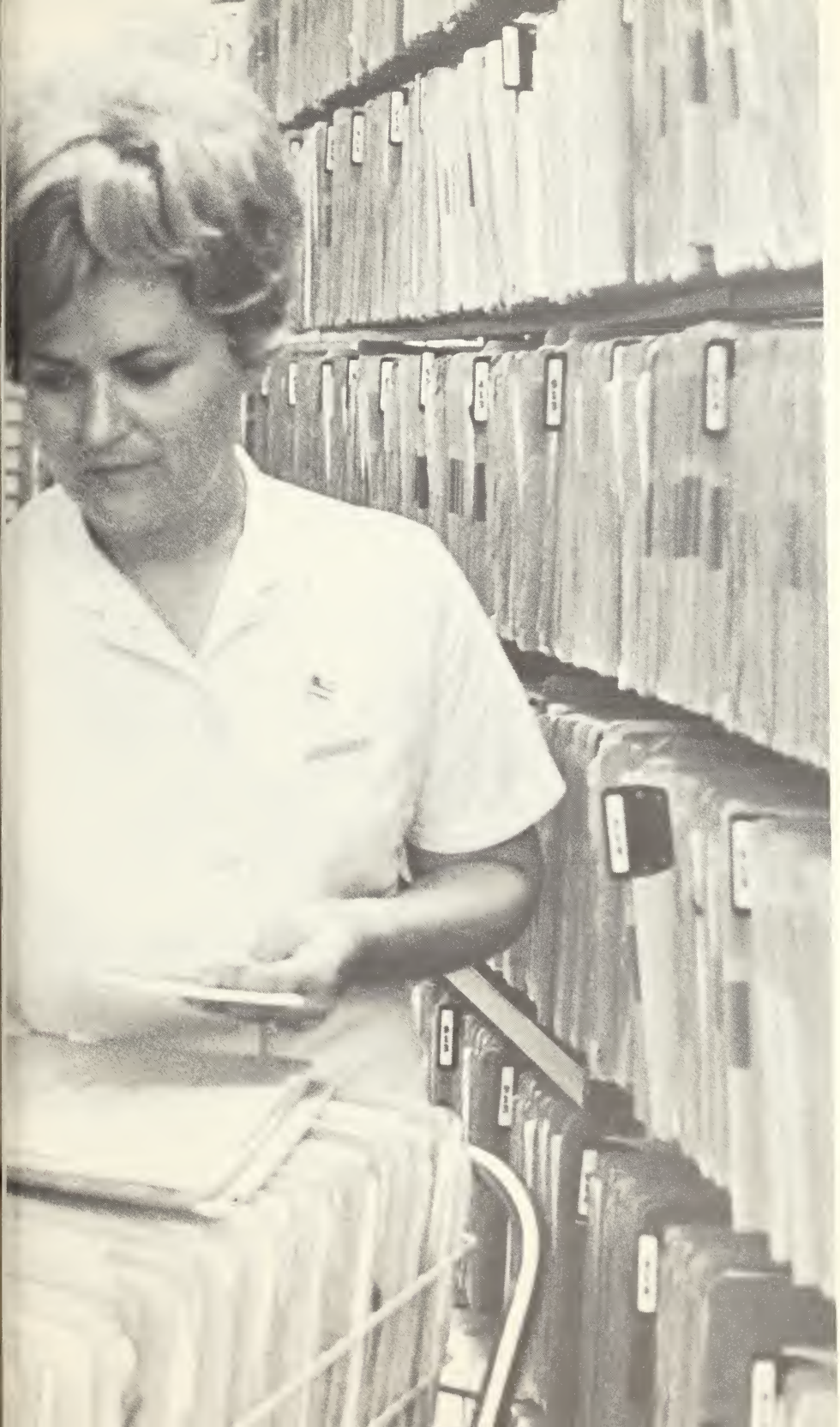
Hs 411. Work Simplification in Health Systems Management. (3 quarter hours; on demand)
A general "how to" course in the methods and approaches of work simplification, including work distribution analysis, flow process charting, work station design, man-machine charting, forms flow and simplification, and similar techniques.

Hs 412. Health Facilities Planning. (3 quarter hours; on demand)
A survey of facilities planning approaches and presentation of specific facilities planning techniques such as: functional proximity analysis, space layout principles and methods, materials handling systems analysis, use of two-and three-dimensional models.

Hospital Administration Residency

The College, in cooperation with colleges and universities offering graduate degrees in Hospital Administration, offers a residency in Hospital Administration at the Eugene Talmadge Memorial Hospital. The residency, which may vary in length from 9-12 months, follows a year of graduate study, and is the final phase of a curriculum leading to a Master's Degree.

The content of the residency varies according to the school in which the resident is enrolled, but usually includes periods of orientation, rotation through hospital departments, and general administrative experience. The residency is under the preceptorship of the Hospital Director. The resident is provided a stipend to assist in meeting normal expenses.



Appendixes

Appendix A

University System of Georgia Board of Regents

		Current Term
Philip H. Alston, Jr., Atlanta	State-at-Large	1971-1978
John A. Bell, Jr., Dublin	State-at-Large	1970-1977
Roy V. Harris, Augusta	State-at-Large	1967-1974
William S. Morris, III, Augusta	State-at-Large	1967-1974
Sam A. Way, III, Hawkinsville	State-at-Large	1972-1976
Mrs. Hugh Peterson, Sr., Ailey	First District	1970-1976
John I. Spooner, Donalsonville	Second District	1968-1975
John H. Robinson, III, Americus	Third District	1972-1979
John R. Richardson, Conyers	Fourth District	1970-1977
W. Lee Burge, Atlanta	Fifth District	1968-1975
David H. Tisinger, Carrollton	Sixth District	1971-1978
James V. Carmichael, Marietta	Seventh District	1966-1973
Charles A. Harris, Ocilla	Eighth District	1971-1978
James A. Dunlap, Gainesville	Ninth District	1966-1973
Carey Williams, Greensboro	Tenth District	1972-1979

Officers And Staff

W. Lee Burge	**Chairman**
William S. Morris III	**Vice Chairman**
George L. Simpson, Jr.	**Chancellor**
John O. Eidson	**Vice Chancellor**
James E. Boyd	**Vice Chancellor-Academic Development**
James L. Carmon	**Assistant Vice Chancellor-Computing Systems**
Frank C. Dunham	**Director, Construction and Physical Plant**
Mario J. Goglia	**Vice Chancellor-Research**
Robert M. Joiner	**Director of Public Affairs**
Howard Jordan, Jr.	**Vice Chancellor-Service**
Shealy E. McCoy	**Vice Chancellor-Fiscal Affairs and Treasurer**
Henry G. Neal	**Executive Secretary**
Harry B. O'Rear	**Vice Chancellor-Health Affairs**
Haskin R. Pounds	**Assistant Vice Chancellor**
C. C. Murray	**Director Interinstitutional Programs in International Affairs**
Mrs. Hubert L. Harris	**Associate Executive Secretary**

Appendix B

Administration

President
William H. Moretz

Provost
Robert A. Liebelt

Vice-President
Raymond C. Bard

Vice-President & Treasurer
James A. Blissit

Dean (Acting), School of Medicine
Curtis H. Carter

Dean (Acting) School of Allied Health Sciences
Raymond C. Bard

Dean, School of Dentistry
Judson C. Hickey

Dean (Acting), School of Graduate Studies
Raymond C. Bard

Dean, School of Nursing
Dorothy T. White

Comptroller
H. Alan Campbell

Director, Hospital & Clinics
Richard E. Gillock

Director, Procurement
Willard W. Prior

Librarian
Sadie H. Rainsford

Registrar
George M. Martin

Director, (Acting) Computer Center
John M. Chambers

Director, Division of Educational Research and Development
W. Loren Williams

Director, Division of Health Communications
James H. R. Sutherland

Director, Division of Health Systems Engineering
Harold E. Smalley

Director, Financial Aid
David W. Johnson

Director, Hospital Research & Development
Richard E. Pogue

Director, Division of Institutional Relations
James C. Austin

Director, Business Services
James P. Crimmins

Director, Personnel Division
John C. Evers

Director, Physical Plant Division
W. Clay Adamson, Jr.

Director, Women's Activities
Shirley K. Rodgers

Director, Division of Student Affairs
James B. Puryear

President Emeritus
G. Lombard Kelly

President Emeritus
Edgar R. Pund

Comptroller Emeritus
Thomas N. Dwyer

Appendix C

Faculty Listing

Asterisk indicates Graduate Faculty appointment also.

Abbott, Don C., Assistant Professor, Neurology. Georgia Teachers' College, B.S.; Medical College of Georgia, M.D.

***Abdel-Latif, Ata A.,** Associate Professor, Cell and Molecular Biology. DePaul University, B.S., M.S.; Illinois Institute of Technology, Ph.D.

Abele, Donald C., Professor, Dermatology and Medicine. Central Methodist College, B.A.; Washington University Medical School, M.D.

Abouna, George J. M., Assistant Professor, Surgery. Durham University, B.Sc., M.B., B.S.

Agee, Julia, Research Associate, Medicine. Furman University, B.A.; Medical College of Georgia, M.S.

Agostas, William N., Clinical Professor, Medicine. Augusta College; University of Georgia; Medical College of Georgia, M.D.

***Ahlquist, Raymond P.,** Professor and Chairman, Pharmacology. University of Washington, B.S., M.S., Ph.D.

Akamatsu, Yasuyuki, Assistant Professor, Pathology. Nara Medical College, M.D.; Osaka University, Ph.D.

Akroyd, Duane, Instructor, Oral Medicine. Broome Technical Community College, A.A.; Medical College of Georgia, B.S.

Allen, Candace, Instructor, Medical Record Science. Medical College of Georgia, B.S.

***Allen, Lane H.,** Professor, Anatomy. University of Georgia, B.S., M.S.; Georgetown University, Ph.D.; Medical College of Georgia, M.D.

Allen, Marshall B., Jr., Professor and Chief, Surgery (Neurosurgery). University of Mississippi, B.A.; Harvard University, M.D.

Althisar, Henry M., Assistant Professor, Medicine. Medical College of Georgia, M.D.

Alvarez-Mena, Sergio C., Associate Clinical Professor, Medicine. LaSalle College, B.S.; Matanzas Institute, B.A.; Havannah School of Medicine, M.D.

Anderson, Ann S., Assistant Professor, Medical Technology. University of Georgia, B.S.; Medical College of Georgia, M.S.

Anderson, Frank P., Jr., Professor, Pediatrics and Community Medicine. Davidson College, B.S.; Medical College of South Carolina, M.D.

Aseron, Cirilo, Assistant Professor, Radiology. University of Santo Tomas, Manilla, M.D.

Asokan, Sankaran K., Assistant Professor, Medicine. All India Institute of Medical Science, M.B.B.S.

***Ault, Leilee P.,** Professor, Nursing. University of Pennsylvania, B.S.N.E., M.S.

Aziz, Ezzat M., Assistant Professor, Pediatrics. W. Middlesex Hospital, London, England, D.C.H.; Shams University, Cairo, Egypt, M.B.

Baab, Beatrice S., Instructor, Physical Therapy. Sargent College-Boston University, B.S.

Badger, Walter L., Assistant Clinical Professor, Community Dentistry. University of Maryland, D.D.S.

Baell, Betty, Clinical Instructor, Physical Therapy. Sargent College-Boston University, B.S.

Bailey, Henry W., Clinical Instructor, Surgery. Medical College of Georgia, M.D.

Bailey, Joseph P., Professor, Medicine. Chief, Rheumatology. Mercer University, B.S.; Medical College of Georgia, M.D.

Bailey, Thomas E., Assistant Clinical Professor, Pediatrics. Medical College of Georgia, M.D.

Baldwin, Patricia J., Instructor, Nursing. Medical College of Georgia, B.S.N., M.S.

***Bard, Raymond C.,** Vice President. Professor, Cell and Molecular Biology. (Acting) Dean, School of Allied Health Sciences and School of Graduate Studies. College of the City of New York, B.S.; Indiana University, M.A., Ph.D.

Barfield, William E., Assistant Professor, Obstetrics and Gynecology. The Citadel, B.S.; Emory University, M.D.

Barron, Edmund G., Assistant Clinical Professor, Community Dentistry. University of North Carolina, B.S., M.P.H.; Medical College of Virginia, D.D.S.

Barton, Betty, Research Associate, Pathology. University of South Carolina, M.S., B.S.

Bates, Doris W., Assistant Clinical Professor, Dental Hygiene. Simmons College, B.S.; Boston University, M.S.

Battey, Alfred M., Jr., Clinical Instructor, Surgery. University of Georgia, B.S.; Medical College of Georgia, M.D.

Battey, Louis L., Clinical Professor, Medicine. College of the Holy Cross, B.S.; Medical College of Georgia, M.D.

Bazemore, J. Malcolm, Clinical Professor Emeritus, Medicine. Medical College of Georgia, M.D.

Beasley, James L., Research Associate, Surgery.

Beaudreau, David E., Associate Dean, Curriculum (Dentistry). Professor, Restorative Dentistry. University of Washington, School of Dentistry, D.D.S.; University of Pennsylvania, Graduate School of Medicine, M.S.D.

Becton, James L., Assistant Professor, Surgery (Orthopedics). Wake Forest College; B.S.; University of Minnesota, M.S.; Medical College of Georgia, M.D.

Beeson, C. Walker, Assistant Clinical Professor, Medicine. University of Georgia, B.S.; Medical College of Georgia, M.D.

Beglau, Donald, Assistant Professor, Restorative Dentistry. Mt. San Antone Junior College, A.A.; LaSierra College, B.A.; Loma Linda University School of Dentistry, D.D.S.

Benigno, Benedict B., Assistant Professor, Obstetrics and Gynecology. Iona College, B.S.; Georgetown University, M.D.

Bennett, James W., Associate Professor, Pediatrics. Medical College of Georgia, M.D.

Bennett, Robert, Clinical Professor, Medicine. University of Minnesota, M.S.; University of Pittsburgh, B.S., M.D.

Benton, Edred C., Assistant Professor, Periodontics. Emory University, B.S.; Emory University School of Dentistry, D.D.S., M.S.D.

Berg, Edward W., Assistant Professor, Surgery (Orthopedics). University of Colorado, B.A., M.D.

Bergman, David B., Assistant Professor, Psychiatry. Harvard Medical School, M.D.

***Bernard, George R.,** Associate Professor, Anatomy. Harvard College, A.B.; Boston University, A.M., Ph.D.

***Best, Gary K.,** Assistant Professor, Cell and Molecular Biology. Southwestern State College, B.S.; Oklahoma State University, Ph.D.

Bhatti, Nazir A., Assistant Professor, Surgery (Orthopedics). Government College, F.Sc.; King Edward Medical College, M.B., B.S.

Bishop, Georgianne, Instructor, Neurology. Woman's College of Georgia, A.B.; University of Chicago, M.A.

Bittle, C. Robert, Assistant Clinical Professor, Anesthesiology. Duke University; Bowman Gray School of Medicine, M.D.

Black, Owen, Jr., Assistant Research Professor, Medicine and Cell and Molecular Biology. University of Oklahoma, B.S.; University of Oklahoma Medical Center, M.S., Ph.D.

Blackburn, Benjamin A. II, Assistant Professor, Prosthodontics. Morehouse College, B.S.; Meharry Medical College, D.D.S.; Northwestern University Dental School, D.D.S.; University of Michigan, M.S.

Blackburn, David, Instructor, Radiologic Technology. Shorter College, B.A.; University of Tennessee, M.S.

Blalock, Harvey S., Instructor, Surgery (Orthopedics). Shorter College, A.B.; Medical College of Georgia, M.D.

Blanchard, Thomas W., Assistant Professor, Surgery (Urology). The Citadel, B.S.; Medical College of South Carolina, M.D.

Blevins, Keith S., Assistant Professor, Oral Surgery. Hope College, B.A.; Medical College of Virginia, School of Dentistry, D.D.S.

Blitch, Pierce G., Jr., Assistant Clinical Professor, Medicine. Emory University, A.B.; Medical College of Georgia, M.D.

Bliven, Floyd E., Jr., Professor, Surgery. Chief, Orthopedics. University of Rochester, A.B., M.D.

Blount, Latimer, Assistant Professor, Oral Medicine. Morehouse College, B.A.; Howard University, School of Dentistry, D.D.S.

Blunt, Michael, Associate Professor, Cell and Molecular Biology. Royal Veterinary College, M.R.C.V.S.; University of New England, Ph.D.

Bollet, Alfred Jay, Professor and Chairman, Medicine. New York University, B.S., M.D.

Botnick, Robert S., Assistant Clinical Professor, Medicine. Duke University, B.S.; Baylor Medical School, M.D.

Bowen, John B., Associate Clinical Professor, Surgery. Medical College of Georgia, M.D.

Bowers, Donald F., Jr., Associate Professor and Chairman, Pedodontics. Ohio State University, College of Dentistry, D.D.S.; Indiana University, School of Dentistry, M.S.D.

***Bowles, Lester L.,** Professor & Chief, Anatomy. Head, Microanatomy. Franklin College, A.B.; Indiana University, M.D.

Boyd, William S., Associate Clinical Professor, Obstetrics-Gynecology. University of Georgia, B.S.; Emory University, M.A.; Medical College of Georgia, M.D.

*Bragassa, **Charles B.**, Assistant Professor, Data Processing. Texas A&M University, B.S., M.S., Ph.D.

Bramblett, Richard M., Assistant Professor, Division of Health Systems Engineering. Georgia Institute of Technology, B.I.E., M.S.I.E.

Bransome, Edwin, Professor and Chief, Medicine, (Clinical Endocrinology). Yale University, A.B.; University of Colorado, M.D.

***Bresnick, Edward**, Professor and Chairman, Cell and Molecular Biology. St. Peter's College, B.S.; Fordham University, M.S., Ph.D.

Bridges, Bertee, Assistant Professor, Nursing. Medical College of Georgia, B.S.N.; Indiana University, M.S.N.Ed.

Bridges, H. Benton, Clinical Instructor, Surgery (Orthopedics). Emory University, A.B.; Medical College of Georgia, M.D.

Bridges, Mercer T., Instructor, Surgery (Orthopedics). Medical College of Georgia, M.D.

Bringhurst, Mark D., Assistant Professor, Pathology. University of Utah, B.S., M.S., Ph.D.

Brizel, Herbert, Professor and Chief, Radiation Therapy. Cornell University, A.B.; Northwestern University, M.D.

Brocato, Simone, Clinical Instructor, Medicine. Loyola University, B.S.; Tulane University, M.D.

Bronstein, Edwin S., Associate Professor, Obstetrics-Gynecology. State University of New York, A.B.; Downstate Medical Center of New York, M.D.

Brown, Allen, Assistant Professor, Community Medicine. Meharry Medical College, M.D.

Brown, Audrey K., Professor, Pediatrics. Barnard College, B.A.; Columbia University, M.A.; Columbia University College of Physicians and Surgeons, M.D.

Brown, Jessie O., Instructor, Dental Hygiene and Community Dentistry. University of Alabama, R.D.H.; Medical College of Georgia, B.S.

Brown, Mark, Professor and Chairman, Radiology. Medical Director, Radiologic Technology. University of Miami, B.S.; Vanderbilt University, M.D.

Brown, Stephen W., Associate Clinical Professor, Radiology. Louisiana State University, B.S., M.D.

Brown, Walter J., Jr., Associate Professor, Medicine. Brown University, A.B.; University of Rhode Island, M.S.; Medical College of Georgia, M.D.

***Brownell, George H.**, Assistant Professor, Cell and Molecular Biology. University of Minnesota, B.A.; University of South Dakota, M.A., Ph.D.

Brucker, Paul J., Assistant Professor, Health Communications. Director, Developmental Dental Studies. College of William and Mary, A.B.; Indiana University, M.S., Ed.D.

Bruno, Susan M., Assistant Professor, Nursing. Catholic University, B.S.N.; University of Rochester, M.S.

Bruns, William L., Jr., Clinical Instructor, Obstetrics-Gynecology. University of Georgia, B.S.; Medical College of South Carolina, M.D.

Bryans, C. Iverson, Jr., Professor, Obstetrics-Gynecology. University of Georgia, B.S.; Medical College of Georgia, M.D.

Buffington, Dorothy D., Associate Professor, Nursing. Duke University, B.S.; Western Reserve, M.S.

Burgamy, Clyde A., Clinical Professor, Obstetrics-Gynecology. Emory University; Medical College of Georgia, M.D.

***Burnett, George W.,** Associate Dean, Biologic Sciences (Dentistry). Professor of Oral Biology and Cell and Molecular Biology. Coordinator, Microbiology. (Acting) Coordinator, Anatomy (Dentistry). Texas Technological College, B.A.; University of Texas, M.A.; Washington University, D.D.S.; University of Rochester, Ph.D.

Burroughs, Gerald W., Associate Professor, Psychiatry. University of Georgia, B.S.; Medical College of Georgia, M.D.

Bustos-Valdes, Sergio E., Associate Professor, Oral Biology. Assistant Professor, Cell and Molecular Biology. University of Chile, D.D.S.; University of Rochester, Ph.D.

Butler, James H., Assistant Professor, Psychiatry. University of Georgia, Ph.D.; East Carolina University, M.A., D.A.

Byne, J. Miller, Jr., Associate Clinical Professor, Medicine, Medical College of Georgia, M.D.

***Byrd, J. Rogers,** Assistant Professor, Endocrinology. Wake Forest College, B.S.; University of Michigan, M.S., Ph.D.

Caldwell, Joseph L., Jr., Clinical Instructor, Surgery. Medical College of Georgia, M.D.

Capers, Emily S., Associate Professor, Nursing. University of Georgia, B.S.N.E.; Emory University, M.N.

Carlton, William H., Assistant Professor, Radiology. Emory University, B.S., M.S.; Rutgers University, Ph.D.

Carr, Albert A., Associate Professor, Medicine. Director, Clinical Investigation Unit. University of Virginia, M.D.

Carr, Wesley A., Assistant Professor, Oral Surgery. Assistant Clinical Professor, Surgery. University of Georgia, B.S.; Southern Dental College, D.D.S.

Carrington, Kenneth W., Clinical Instructor, Surgery (Neurosurgery). Virginia Military Institute, A.B.; University of Pennsylvania, M.D.

Carson, Elise W., Instructor, Nursing. University of Georgia, B.S.H.E., M.S.

Carswell, Augustin S., Assistant Clinical Professor, Surgery (Orthopedics). Georgia Teachers College, B.S.Ed.; Medical College of Georgia, M.D.

Carter, Curtis H., (Acting) Dean, School of Medicine. Professor, Medicine. University of Georgia, B.S.; Medical College of Georgia, M.D.

Carter, Jack W., Assistant Professor, Orthodontics. Bradley University, B.S.M.E.; University of Kentucky, School of Dentistry, D.M.D.

Carter, Mary J., Assistant Professor, Medicine and Pediatrics. Baylor University, B.S.; Bowman Gray School of Medicine, M.D.

Cavazos, Edmund, Assistant Professor, Restorative Dentistry. Marquette University School of Dentistry, D.D.S.

Chambers, R. Gerald, Assistant Professor, Psychiatry. North Georgia College, B.S.; Medical College of Georgia, M.D.

Chandler, A. Bleakley, Professor, Pathology. Medical College of Georgia, M.D.

Chandler, John L., Associate Clinical Professor, Surgery (Orthopedics). Alabama University, B.A.; Medical College of Georgia, M.D.

Chew, William H., Jr., Associate Professor, Medicine. Director, Physician Augmentation Program. Medical College of Georgia, M.D.

Chiang, Tzu Sung, Assistant Research Professor, Ophthalmology. National Taiwan University, M.S.; University of Kansas Medical School, Ph.D.

Christian, Joe David, Jr., Instructor, Surgery (Orthopedics). University of Georgia, B.S.; Medical College of Virginia, M.D.

Clardy, Richard L., Assistant Clinical Professor, Orthodontics. University of Tennessee, College of Dentistry, D.D.S., M.S.

Clark, Sarah L., Assistant Clinical Professor, Medicine and Endocrinology. Brenau College, A.B.; Western Reserve University, M.S.; Medical College of Georgia, M.D.

Clark, Thelma T., Instructor, Medical Record Science. Medical College of Georgia, B.S.

Clary, Thomas L., Jr., Assistant Clinical Professor, Medicine. University of Georgia, B.S.; Medical College of Georgia, M.D.

Clay, Cassius M., Assistant Professor, Radiology. Massachusetts Institute of Technology, B.S., M.S.

Cleckley, Hervey M., Clinical Professor, Psychiatry. University of Georgia, B.S.; Oxford University, B.A.; Medical College of Georgia, M.D.

Clements, James D., Assistant Clinical Professor, Pediatrics. Emory University, B.A.; Medical College of Georgia, M.D.

Coleman, Blanche D., Clinical Instructor, Obstetrics-Gynecology. Wesleyan College, A.B.; Mercer University, M.S.Ed.; Medical College of Georgia, M.D.

Collin, Daniel, Clinical Instructor, Medicine. Gustavus Adolphus College, B.A.; University of Minnesota, M.D.

Collings, Harold, Jr., Professor, Neurology. Harvard University, M.D.

Collins, Joyce, Instructor, Neurology. Mount Mary College, B.S.

Collins, Myron D. F., Instructor, Surgery (Orthopedics). Medical College of Georgia, M.D.

Conley, Howard W., Associate Professor, Orthodontics. Loma Linda University, M.S.; College of Physicians and Surgeons of San Francisco — University of the Pacific, D.D.S.

Cook, Elizabeth H., Instructor, Medicine. North Georgia College, B.S.; Medical College of Georgia, M.S., Ph.D.

Corpe, Raymond F., Assistant Clinical Professor, Surgery (Thoracic/Cardiac). University of Illinois, M.S.

Coryell, Margaret E., Instructor, Cell and Molecular Biology. University of Colorado, A.B.; University of Michigan, M.S., Ph.D.

Costoff, Allen, Instructor, Endocrinology. Marquette University, M.S.; University of Wisconsin, Ph.D.

Cotten, Marion de V., Jr., Professor, Pharmacology. College of Charleston, B.S.; Medical College of South Carolina, M.S., Ph.D.

Cox, Rebecca A., Instructor, Medical Technology. Medical College of Georgia, B.S., Ph.D.

Craig, James B., Clinical Professor, Psychiatry. University of Michigan, M.S.; Medical College of Georgia, M.D.

Croley, James J., Clinical Instructor, Community Medicine. University of Tennessee, B.S.; University of Kentucky, M.S.; Yale University, M.P.H.

Crouch, Mickey M., Assistant Professor, Psychiatry. Medical College of Georgia, M.D.

***Crounse, Robert G.,** Associate Dean, School of Medicine. Professor, Dermatology and Cell and Molecular Biology. Professor, Medical Education, Division of Educational Research and Development. Yale University, B.S., M.D.

Cumming, Joseph B., Lecturer Emeritus, Forensic Medicine. Princeton University, Ll.B.

Cundey, Paul E., Jr., Assistant Professor, Medicine. LaSalle College, B.S.; Temple University School of Medicine, M.D.

Curtis, John R., Associate Clinical Professor, Neurology. University of North Carolina, B.A., M.D.

Cutroneo, Kenneth R., Instructor, Cell and Molecular Biology. Providence College, A.B.; University of Rhode Island, M.S., Ph.D.

Dallas, Betty C., Clinical Instructor, Dental Hygiene. West Liberty, B.S.

Dallman, John J., Assistant Professor, Community Medicine. University of Minnesota, B.A., M.S., Ph.D.

Dalto, Michael J., Instructor, Health Communications. Assistant to the Director, Division of Health Communications. University of Miami, B.A.; San Francisco State College, M.A.

Damon, Meffie S., Assistant Professor, Dental Hygiene and Community Dentistry. University of Iowa, B.A., R.D.H.

Daniel, Ernest F., Clinical Instructor, Surgery (Neurosurgery). Emory University, A.B.; Medical College of Georgia, M.D.

Dasqupta, Gautam, Instructor, Medicine. Scottish Church College, I.Sc.; Medical College of India, M.B.B.S.

Davidson, Preston L., Assistant Professor, Psychiatric Nursing. Tulane University, B.S.; Georgia Southern, M.Ed.

Davidson, Ramona, Assistant Professor, Nursing. American University, B.S.N.E.; University of Florida, M.N.

Davis, Carl O., Associate Professor, Dental Education, Division of Educational Research and Development. Associate Professor, Oral Medicine. University of Tennessee, D.D.S.; University of Iowa, M.S., Ph.D.

Davis, Robert K., Associate Professor, Periodontics. Western Reserve University, B.S.; Western Reserve University, School of Dentistry, D.D.S.

DeBruler, Edna M., Professor, Community Health Nursing. Indiana University, B.S.Ed.; University of Pittsburgh, Graduate School of Public Health, M.P.H.

Della-Giustina, Victor, Associate Professor, Community Dentistry. Springfield College, B.S.; Loyola University, School of Dentistry, D.D.S; Tulane University Graduate School of Medicine, M.P.H.

DeLorey, Philip E., Associate Professor and Associate Dean, School of Nursing. Teachers College, Columbia University, B.S., Ed.M.

DeNaples, Mark A., Assistant Professor, Surgery. University of Pennsylvania, B.A.; Jefferson Medical College, M.D.

Dennis, Allen J., Jr., Assistant Professor, Medicine (Renal). Rice University, A.B.; Columbia University, College of Physicians and Surgeons, M.D.

***Denton, J. Fred, Jr.,** Professor, Cell and Molecular Biology. University of Georgia, B.S., M.S.; Rice University, Ph.D.; Medical College of Georgia, M.D.

DeRoller, Frances J., Instructor, Surgery. Wesleyan College, B.F.A.; Medical College of Georgia, M.S.

DeVore, Margaret B., Associate Professor, Anesthesiology. Winthrop College, A.B.; Medical College of South Carolina, M.D.

***Dirksen, Thomas R.,** Professor, Oral Biology. Associate Professor, Cell and Molecular Biology. Coordinator, Biochemistry (Dentistry). Bradley University, B.S.; University of Illinois, D.D.S.; University of Rochester, M.S., Ph.D.

Ditchfield, Alda L., Professor, Nursing. University of Oregon, B.S.; Columbia University, M.A.

Dixon, Jack L., Instructor, Radiologic Technology. University Hospital, Augusta, R.T.; Naval Medical School, R.I.T.

Douglass, Thomas G., Assistant Clinical Professor, Medicine. Davidson College, B.S.; Emory University, M.D.

***Dow, Philip,** Professor, Physiology. University of Michigan, B.S.; Yale University, Ph.D.

Dross, David L., Assistant Clinical Professor, Prosthodontics. Akron University, B.S.; Emory University, School of Dentistry, D.D.S..

Dunagan, Donald, Clinical Instructor, Pediatrics. North Georgia College, B.S.; Medical College of Georgia, M.D.

Dunaway, Lacy D., Instructor, Pediatrics. Hollins College, A.B.; Tulane University, M.S.W.

Dunlap, Dickson B., Assistant Professor, Medicine. University of North Carolina, B.S., M.D.

Dunn, Maurice, Associate Clinical Professor, Psychiatry. University of Illinois, B.S., M.D.

Echols, Joseph M., Clinical Instructor, Obstetrics-Gynecology. Medical College of Georgia, M.D.

Edmondson, H. Turner, Associate Professor, Surgery. Emory University, A.B.; Medical College of Georgia, M.D.

Edwards, Ernest C., Instructor, Neurology (Audiology). University of Southern Mississippi, B.S., M.S.

El Gammal, Taher Abd El Moneim, Associate Professor, Radiology. Cairo University, M.D.; Neurological Institute, F.F.R.

Ellegood, James O., Instructor, Endocrinology. Murray State College, B.S.; Medical College of Georgia, M.S.

Ellington, Preston D., Assistant Professor, Pediatrics. Emory University, A.B.; Medical College of Georgia, M.D.

Ellison, Lois T., Professor, Medicine. Professor, Surgery (Thoracic). Professor, Physiology. University of Georgia, B.S. Medical College of Georgia, M.D.

Ellison, Robert G., Professor, Surgery. Chief, Surgery (Thoracic). Vanderbilt University, A.B.; Medical College of Georgia, M.D.

Enelow, Cathy T., Instructor, Nursing. Medical College of Georgia, B.S.N.; University of Florida, M.S.

Engler, Harold S., Professor, Surgery. Medical College of Georgia, M.D.

***Erlandson, Betty R.,** Associate Professor and Associate Dean, School of Nursing. Boston University, B.S., Ed.M.

Erwin, Goodloe Y., Clinical Instructor, Medicine. University of Georgia, B.S.; Emory University, M.D.

Esther, James R., Clinical Instructor, Dermatology. University of Missouri, A.B., M.D.

Everett, Theodore, Assistant Clinical Professor, Surgery (Urology). Tulane University, M.D.

Fair, Donna M., Instructor, Pediatrics. University Hospital, Barrett School of Nursing, R.N.

Faguet, Guy B., Instructor, Medicine. Colegio Biffi-Lasalle, B.S.; Universidad Jaueriana, M.D.

Faulkner, Alva H., Assistant Clinical Professor, Obstetrics-Gynecology. University of Georgia, B.S.; Medical College of Georgia, M.D.

Fender, Richard H., Assistant Professor, Restorative Dentistry. Emory University, School of Dentistry, D.D.S.

Fennell, Sam W., Assistant Professor, Orthodontics. Emory University, School of Dentistry, D.D.S.

Fiebiger, Guy E., Assistant Professor, Prosthodontics. University of Louisville, B.A.; University of Louisville, School of Dentistry, D.M.D.

Findley, Thomas, Professor Emeritus, Medicine. Princeton University, B.A.; University of Minnesota, B.S.; Rush Medical College, M.D.

Finney, Herman R., Instructor, Surgery (Urology). Medical College of Virginia, M.D.

Fiveash, Arlie E., Assistant Professor, Radiology, Emory University, A.B.; Medical College of Georgia, M.D.

Flanagin, Wiley S., Associate Professor, Surgery (Plastic). University of Georgia, B.S.; Medical College of Georgia, M.D.

Flory, Marcia C., Instructor, Physical Therapy. Indiana University, B.S.

Flowers, Nancy C., Professor, Medicine. Mississippi State College for Women, B.S.; Medical College of Virginia; University of Tennessee, M.D.

Folger, Gordon M., Jr., Associate Professor, Pediatrics and Medicine. University of Florida, B.S.; Tulane Medical School, M.D.

Forrester, Edward S., Jr., Instructor, Surgery (Orthopedics). Medical College of Georgia, M.D.

Fox, Douglas J., Assistant Professor, Pedodontics. University of Alberta, D.D.S.; University of Manitoba, M.Sc.

Franceschi, Aldo, Assistant Professor, Urology (VA Section). University of Vermont, B.S.; University of Vermont, M.D.

Frank, Martin J., Professor, Medicine. Director, Hemodynamics Laboratory. University of Michigan, B.S., M.D.

Fraser, Richard, Assistant Professor, Medicine. South Africa College of Physiology and Surgeons, F.S.A.C.P.; University of Cape Town Medical School, C.M.B.

Freeman, Charles, Jr., Clinical Instructor, Surgery (Orthopedics). Medical College of Georgia, M.D.

Fritz, Bobby D., Associate Professor, Periodontics. Supervising Dentist, Dental Hygiene. Washington University, D.D.S.

Fry, Bill W., Assistant Professor, Oral Biology and Pharmacology. Valparaiso University, A.B.; Purdue University, B.S.Ch.E.; University of Washington, M.S.; University of Rochester, Ph.D.

Galbaugh, Julia J., Associate Professor and Chairman, Dental Hygiene. Associate Professor, Community Dentistry. University of Alabama, R.D.H., B.S.; University of North Carolina, M.P.H.

Galloway, Ronald F., Assistant Professor, Surgery (Thoracic/Cardiac). Mercer University, A.B.; Medical College of Georgia, M.D.

***Gangarosa, Louis P.,** Professor, Oral Biology. Associate Professor, Pharmacology. Coordinator, Pharmacology (Dentistry). University of Rochester, A.B., M.S., Ph.D.; University of Buffalo, D.D.S.

***Garlington, Octavia,** Associate Professor, Medical Illustration. Converse College, B.A.; Medical College of Georgia, M.S.

Garrison, Glen E., Professor and Chairman, Community Medicine. Medical Director, Continuing Education. Associate Professor, Medicine. Wake Forest College, B.S.; Bowman Gray School of Medicine, M.D.

Garver, Fred A., Assistant Professor, Cell and Molecular Biology. Ohio State University, B.S.; University of Colorado Medical Center, Ph.D.

Gazda, George M., Professor, Psychiatry. University of Illinois, Ed.D.

***Geber, William F., Jr.,** Professor, Pharmacology. Darmouth College, A.B.; Indiana University, M.S., Ph.D.

***Gelfant, Seymour,** Professor, Dermatology and Cell and Molecular Biology. University of California at Los Angeles, M.A.; University of Wisconsin, B.S., Ph.D.

Gibson, Hugh H., Clinical Instructor, Obstetrics-Gynecology. Mercer University, A.B.; Medical College of Georgia, M.D.

Gindin, Robert A., Assistant Professor, Surgery (Neurosurgery). Medical College of Virginia, M.D.

***Ginsburg, Jack M.,** Associate Professor, Physiology and Medicine. University of Pennsylvania, B.A.; Tulane University, Ph.D.

Glassman, Armand B., Associate Professor, Pathology. Director, Division of Laboratory Medicine. Chairman, Medical Technology. Rutgers University, B.A.; Georgetown University, M.D.

Glover, Daniel H. G., Associate Clinical Professor, Community Medicine. Emory University, A.B.; University of North Carolina, M.P.H.; Medical College of Georgia, M.D.

Goldberg, Ira, Assistant Clinical Professor, Obstetrics-Gynecology. Medical College of Georgia, M.D.

Golden, Betty M., Assistant Professor, Nursing. Medical College of Georgia, B.S.N., M.S.

Goodman, Thomas F., Instructor, Dermatology. Vanderbilt University, B.A.; University of Tennessee, M.D.

Goodwin, Thomas W., Clinical Professor Emeritus, Surgery. University of Georgia, B.S., Medical College of Georgia, M.D.

Gramling, Zachariah W., Professor, Anesthesiology. College of Charleston, B.S.; Medical College of South Carolina, M.D.

Gray, Donald, Instructor, Medicine (Biomedical Engineering). Wofford, B.S.; Clemson University, M.S.E.E.

Gray, J. Dewey, Clinical Professor, Medicine. Medical College of Georgia, M.D.

Green, A. Joseph, Assistant Professor, Pediatrics. University of North Carolina, A.B.; Medical College of Georgia, M.D.

***Greenblatt, Robert B.,** Professor and Chairman, Endocrinology. McGill University, B.A., M.D., C.M.

Greene, Jane M., Instructor, Obstetrics-Gynecology. University of Georgia, B.S.; University of Tennessee, M.S.

Gullen, Warren H., Associate Professor, Community Medicine. University of Minnesota, B.A., B.S., M.D., M.P.H.

Hahn, Dorothy A., Associate Professor, Pediatrics. Women's College of North Carolina, A.B.; Bowman Gray School of Medicine, M.D.

Hair, L. Quimby, Associate Clinical Professor, Medicine. University of South Carolina, B.S.; Medical College of Georgia, M.D.

Hall, Cecil H., Assistant Professor and Chairman, Radiologic Technology. Instructor, School of Medicine (Radiology). Hillsea College; Shooters-Hill School, Woolwich Polytechnic; Kings College Hospital, M.S.R., R.T.

***Hall, W. Knowlton,** Professor, Cell and Molecular Biology. Oregon State College, B.S., M.S.; State University of Iowa, Ph.D.

Hames, Curtis G., Associate Clinical Professor, Medicine and Community Medicine. University of Georgia, B.S.; Medical College of Georgia, M.D.

Hamm, Betty H., Associate Clinical Professor, Nursing. Emory University, B.S.; University of Maryland, M.S.; University of Georgia, Ed.D.

Hammer, Wade B., Associate Professor, Oral Surgery and Surgery. Emory University, School of Dentistry, D.D.S.

Hand, Robert A., Assistant Clinical Professor, Pathology. Emory University, A.B.; Medical College of Georgia, M.D.

Handy, John R., Assistant Clinical Professor, Medicine. Virginia Military Institute, B.A.; Duke University, M.D.

Hann, John R., Assistant Professor, Oral Surgery. Baker University, B.A.; University of Kansas City, School of Dentistry, D.D.S.

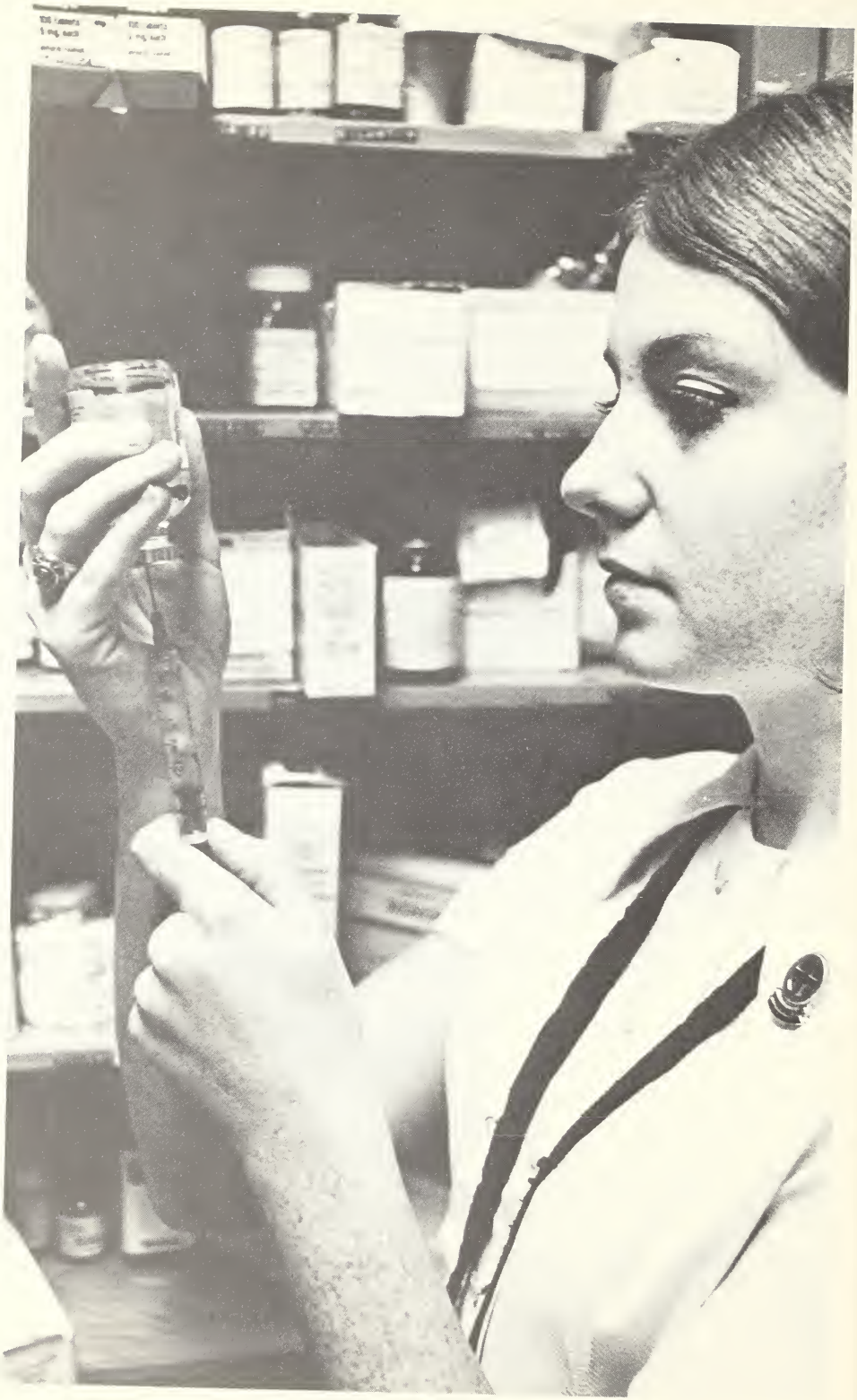
Haring, Mary E., Assistant Professor, Nursing. Wells College, B.A.; Yale University, M.N.

Harms, Barbara, Instructor, Medical Record Science. Medical College of Georgia, B.S.

***Harms, William S.,** Assistant Professor, Cell and Molecular Biology. Rollins College, B.S.; Emory University, M.S.; State University of Iowa, Ph.D.

Harper, Harry T., Jr., Professor, Medicine, Emory University, M.D.

Harper, Herbert S., Clinical Instructor, Pediatrics. University of Georgia, B.S.; Medical College of Georgia, M.D.



Harrison, Frank N., Assistant Clinical Professor, Obstetrics-Gynecology. Medical College of Georgia, M.D.

Hastings, E. Val, Associate Clinical Professor, Pathology. Marquette University, B.S., M.D.

Hawkins, Isaac K., Assistant Professor, Oral Biology and Anatomy. University of Texas, B.A.; University of Texas, Dental Branch, D.D.S.; Colorado State University, Ph.D.

Heid, David W., Associate Professor, Restorative Dentistry. Director, Dental Auxiliary Utilization. University of Washington, School of Dentistry, D.D.S.

Hickey, Judson C., Dean, School of Dentistry & Professor of Prosthodontics. Ohio State University, D.D.S., M.Sc.

Hofman, Wendell F., Assistant Professor, Physiology, Medicine, West Michigan University, B.S.; West Mighigan University, M.S.; State University, M.D.

Horan, Leo G., Professor of Medicine and Chief of Va. A. Medical Services. Tulane University, B.S.; School of Medicine, Tulane, M.D.

Horner, Jack A., Instructor, Anatomy, School of Medicine, University of Florida, BCnE.

***Howard, Eugene F.,** Assistant Professor, Cell and Molecular Biology, Medicine. University of Wisconsin, B.S.; M.S.; Ph.D.

***Howard, John C.,** Associate Professor, Cell and Molecular Biology, Medicine. Hobart College, Geneva, New York, B.S.; Cornell University, Ithaca, New York, Ph.D.

Hudson, James B., Professor and Chief, Medicine, Renal Disease. Dartmouth College, A.B.; Boston University, M.D.

Huff, Thomas A., Assistant Professor, Medicine. Emory University, M.D.

Hughes, John L., Associate Clinical Professor, Psychiatry. Medical College of Georgia, M.D.

Hughes, Maysie J., Associate Professor, Medicine (Physiology). Washington University, A.B.; St. Louis University, Ph.D.

***Huisman, Titus H. J.,** Regents Professor, Cell and Molecular Biology. University of Groningen, B.S., Ph.D.; University of Utrecht, D.Sc.

Humphries, Arthur L., Jr., Professor, Surgery. The Citadel, B.S.; Johns Hopkins University, M.D.

Hutcheson, Hazel, Assistant Professor, Nursing. Emory University, M.N.

Ihnen, Menard, Clinical Professor, Pathology. University of Illinois, M.D.

Israel, J. Vance, Assistant Professor, Cell and Molecular Biology. University of Michigan, M.S., Ph.D.

Jackson, Gordon W., Assistant Clinical Professor, Obstetrics-Gynecology. University of Georgia, B.S.; Medical College of Georgia, M.D.

***Jackson, William J.,** Assistant Professor, Physiology. University of Texas, B.A.; Texas Technological College, Ph.D.

Jarrett, Eugene C., III, Assistant Professor, Pediatrics. University of Georgia, B.S.; Medical College of Georgia, M.D.

Jelenko, Carl, III, Associate Professor, Surgery. Loyola College, B.S.; University of Maryland School of Medicine, M.D.

Jennings, William D., Jr., Professor, Surgery. University of Georgia; Augusta College; Medical College of Georgia, M.D.

***Jerram, David C.,** Assistant Professor, Pharmacology. Indiana University, A.B.; University of Arkansas, M.S., Ph.D.

John-Sanchez, Fares, Associate Professor, Pathology. Colegia de Bachillerato, Cartagena, B.S.; Universidad de Cartegena, M.D.

Johnson, Jennifer C., Assistant Professor, Medicine. Lambuth College, B.S.; University of Tennessee College of Medicine, M.D.

Johnson, Jimpsey, Jr., Instructor, Radiology. University of Georgia, B.S.; Medical College of Georgia, M.D.

Johnson, Johnny N., Instructor, Oral Medicine. Georgia Institute of Technology, B.I.E.

Johnson, Julius T., Assistant Clinical Professor, Psychiatry. Mercer University, A.B.; Medical College of Georgia, M.D.

Johnson, Robert, Clinical Instructor, Medicine. University of Redlands, B.S.; University of Louisville, M.D.

Johnston, Joseph F., Instructor, Anesthesiology. Medical College of Georgia, M.D.

Jones, G. Frank., Jr., Associate Clinical Professor, Surgery. Union University, B.S.; Ohio University, M.S.; University of Tennessee, M.D.

Jones, George E., Associate Professor, Nursing. Paine College, B.S.; New Mexico State University, M.A., Ed.D.

Joyner, Charles D., Jr., Assistant Clinical Professor, Prosthodontics. University of South Carolina, B.S.; Emory University, School of Dentistry, D.D.S.

Jungck, Edwin C., Associate Professor, Endocrinology. Washington State College, B.S.; University of Oregon, M.S., Ph.D., M.D.

Kangelos, Marilyn, Assistant Professor, Medical Technology. Mount St. Scholastica College, B.S.; Medical College of Georgia, M.S.

***Karow, Armand M., Jr.,** Associate Professor, Pharmacology. Assistant Research Professor, Surgery. Duke University, B.A.; University of Mississippi Medical Center, Ph.D.

Karp, Warren B., Instructor, Pediatrics. Pace College, B.S.; Ohio State University, Ph.D.

Kay, James B., Jr., Clinical Instructor, Surgery (Urology). Emory University, A.B.; Medical College of Georgia, M.D.

Kelly, Gordon M., Associate Clinical Professor, Surgery. University of Georgia, B.S.; Medical College of Georgia, M.D.

Kidd, Sue M., Instructor, Nursing. Texas Christian University, B.S.N.

Killam, Horace A. W., Assistant Professor, Medicine. University of Georgia, B.S.; Medical College of Georgia, M.D.

Kilpatrick, Zachary M., Assistant Professor, Medicine. Davidson College, B.S.; Medical College of Georgia, M.D.

King, Coleman T., Professor, Medicine. Chief, Pulmonary Diseases. Emory University, A.B., M.D.

King, Geoffrey E., Associate Professor, Medicine. Chief, Biomedical Engineering. Charing Cross Medical School of the University of London, M.B.B.S.

King, J. Valerie, Assistant Professor, Nursing. University of Tennessee, B.S.N.; University of Georgia, M.Ed.

Kinzer, Robert L., Associate Professor, Restorative Dentistry. Director, Operative Dentistry. Pacific Union College, B.S., Loma Linda University, School of Dentistry, D.D.S.

Klemann, Gilbert L., Assistant Clinical Professor, Medicine. Williams College; Cornell University, M.D.

***Kling, J. Malcolm,** Assistant Professor, Pharmacology. Director, Vivarium. University of Georgia, D.V.M.; University of Florida, Ph.D.; Auburn University, M.S.

Knight, Arthur M., Assistant Clinical Professor, Medicine. Emory University, A.B.; Medical College of Georgia, M.D.

Kogure, Hiroaki, Research Instructor, Surgery. Faculty of Medicine, M.S., University of Tokyo.

Kolas, Steve, Professor and Chairman, Oral Pathology. Ohio Stae University, D.D.S., M.Sc.

Kuglar, Everett C., Associate Clinical Professor, Psychiatry. University of Georgia, B.S.; Medical College of Georgia, M.D.

Kuske, Terrence T., Assistant Professor, Medicine. St. Louis University, M.D.

Lackman, Raymond A., Jr., Assistant Dean, Administration, School of Dentistry. University of Georgia, B.B.A.

Labrecque, Allen D., Research Associate, Medicine. University of Utah, Ph.D.; M.A.; B.A.

Lanier, Thomas W., Instructor, Medical Illustration. Atlanta Art Institute; Augusta College.

Lapp, David F., Assistant Professor, Cell and Molecular Biology. University of Pennsylvania, A.B.; Rice University, Ph.D.

Larson, Paul, Senior Social Worker, Pediatrics. Frank & Marshall, B.S.; William and Mary, M.S.W.

Lee, F. Lansing, Clinical Professor Emeritus, Medicine. University of Georgia, B.S.; Medical College of Georgia, M.D.

Lee, Joseph D., Clinical Instructor, Surgery. Medical College of Georgia, M.D.

Lee M. Eugenia, Associate Dean, School of Nursing, Associate Professor, Nursing. Hollins College, B.A.; University of Texas, M.S.; Columbia University, B.S.N., Ed. D.

Leet, Virginia S., Instructor, Nursing. Medical College of Georgia, B.S.N.

***Lefkowitz, Stanley S.,** Associate Professor, Cell and Molecular Biology. University of Miami, B.S., M.S.; University of Maryland, Ph.D.

***Leibach, Fredrick H.,** Assistant Professor, Cell and Molecular Biology. Southwest Missouri State College, B.S.; Emory University, Ph.D.

Leonard, Leon A., Associate Professor, Oral Medicine. Coordinator, Patient Care. University of Southern California, B.S., D.D.S.; Loma Linda University, M.S.

Levinson, Gary A., Assistant Professor, Psychiatry. University of Pittsburgh, M.D.

Levy, Jack H., Associate Clinical Professor, Radiology. Medical College of Georgia, M.D.

***Levy, Maurice,** Associate Professor, Health Affairs Education, Division of Educational Research and Development. University of Illinois, B.S., Ed.M.; University of Georgia, Ed.D.

Lewis, Jasper P., Associate Professor, Medicine. University of Virginia, B.S.; University of Louisville, M.S.; Medical College of Georgia, Ph.D.

Linder, Charles W., Assistant Professor, Pediatrics. Furman University, B.S.: Medical College of Georgia, M.D.

***Liebelt, Annabel G.,** Associate Professor, Cell and Molecular Biology. Loyola University, B.S.; Washington State, M.S.; Baylor University, College of Medicine, M.D.; Baylor University, Ph.D.

***Liebelt, Robert A.,** Provost. Professor, Cell and Molecular Biology. Professor, Medicine (Experimental). Baylor University, Ph.D.; Baylor School of Medicine, M.D.

Liu, Yong Ki, Assistant Professor, Medicine. School of Medicine National — Gaiwan University, M.D.; Premed College — National Taiwan University, B.S.

Livingston, Frances, Research Associate, Medicine.

Lizzi, Frank A., Clinical Instructor, Medicine. Siena College, B.S.; Albany Medical College, M.D.

Loft, Gerald H., Assistant Professor, Prosthodontics. Emory University, School of Dentistry, D.D.S.

Logan, Mary Ella, Instructor, Pharmacology. Oklahoma City University, B.S.; University of Oklahoma Medical School, M.D.

Longley, George H., Professor, Psychiatry. University of Maryland, M.D.

Lucas, William T., Assistant Professor, Surgery (Urology). Harvard University, B.S.; University of Rochester, M.D.

Ludwig, Harriette, Instructor, Dental Hygiene. Medical College of Georgia, B.S.

Lundquist, Donald O., Associate Professor, Prosthodontics. State University of Iowa, B.A.; State University of Iowa, College of Dentistry, D.D.S.

Lutcher, Charles, Assistant Professor, Medicine. Whitman College, B.A.; Washington University, M.D.

Lyon, John, Instructor, Biomedical Engineering. University of South Carolina, B.S.

Maddox, S. Fleetwood, Assistant Professor, Opthalmology. Mercer University, A.B.; Medical College of Georgia, M.D.

***Mahesh, Virendra, B.,** Regents Professor, Endocrinology. Patna University, India, B.S.; Dalhi University, India, M.S., Ph. D.; Oxford University, D. Phil.

Manganiello, Louis O. J., Associate Clinical Professor, Surgery (Neurosurgery). Harvard University, A.B.; University of Maryland, M.D.

Marble, Howard B., Jr., Associate Professor, Oral Surgery and Surgery. Chief, Dental Services (VA Hospital). Tufts College, Dental School, D.M.D.

Marshall, Louie W., Associate Professor, Psychiatry. Wesleyan College, A.B.; Medical College of Georgia, M.D.

Martin, John M., Assistant Clinical Professor, Medicine. Mercer University, A.B.; Medical College of Georgia, M.D.

Mascaro, David, Assistant Professor, Medical Illustration, Medical College of Georgia, B.S.; Medical College of Georgia, M.S.

Massengale, Leonard R., Clinical Instructor, Pediatrics. Mercer University, B.S; Medical College of Georgia, M.D.

Matheny, James L., Instructor, Pharmacology. Delta State College, B.S.; University of Mississippi Medical Center, Ph.D.

Mathews, J.B., Assistant Professor and Associate Director, Division of Health Systems Engineering. Georgia Institute of Technology, B.I.E., M.S.I.E., Ph.D.

Matthews, W. Eugene, Professor, Surgery. Chief, Otorhinolaryngology. Medical College of Georgia, M.D.

May, Bella J., Associate Professor and Chairman, Physical Therapy. Pacific Lutheran University, B.S.; University of Miami, Ed.D.; Stanford University, M.A.

Mayfield, George R., Associate Clinical Professor, Medicine. Emory University, B.S., M.D.

Maylock, John H., Assistant Professor, Pathology. Wilkes College, A.B.; Jefferson Medical College, M.D.

McCord, Susan, Instructor, Radiologic Technology. Medical College of Georgia, B.S.

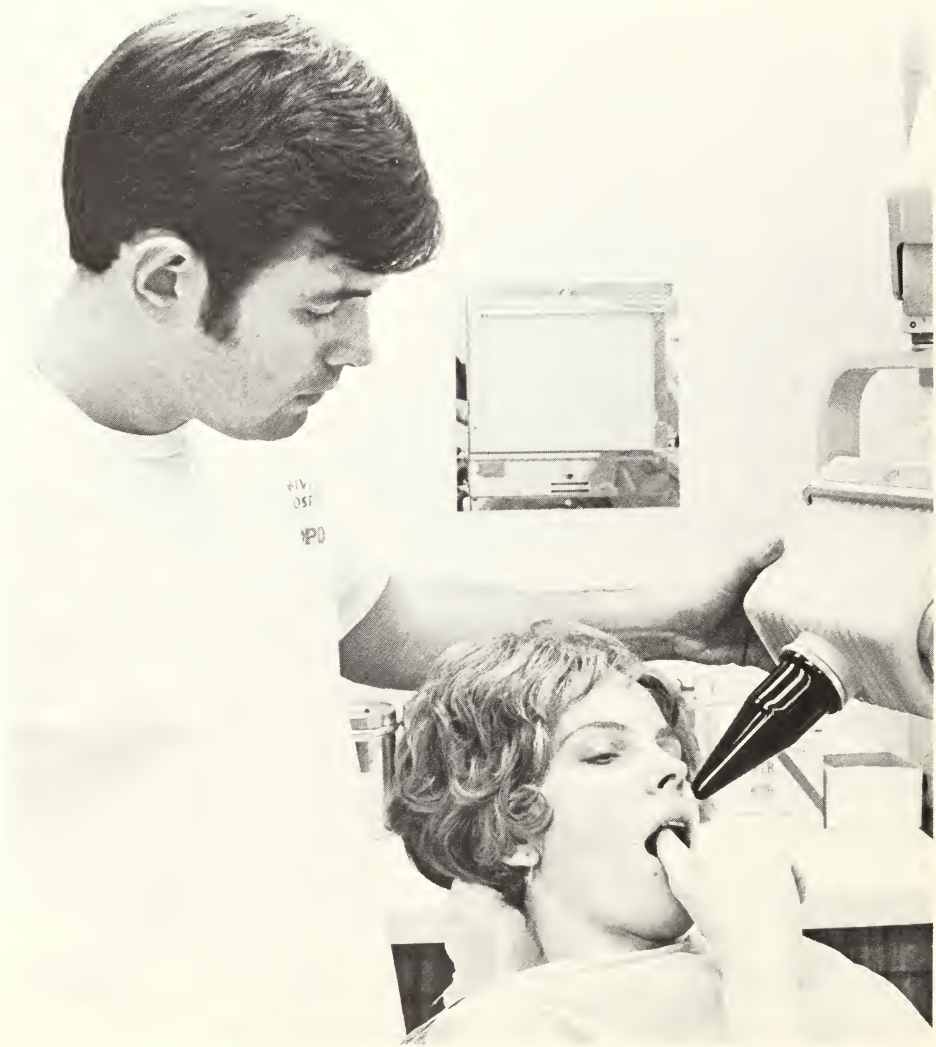
McCranie, E. J., Professor and Chairman, Psychiatry and Neurology. Emory University, A.B., M.S.; University of Michigan, Ph.D.; Medical College of Georgia, M.D.

McCranie, Edward W., Instructor, Psychiatry, Sociology. Emory University, Ph.D.

McCranie, Martha L., Associate Professor, Psychiatry. University of Georgia, B.S.; Medical College of Georgia, M.D.

McDonald, James K., Associate Professor, Psychiatry. University of Georgia, B.S.; Medical College of Georgia, M.D.

***McDonald, Thomas F.,** Associate Professor, Anatomy. (Acting) Chairman, Anatomy. Spring Hill College, B.S.; Loyola University, M.S., Ph.D.



McDonough, Paul G., Associate Professor, Obstetrics-Gynecology. Holy Cross College, B.S.; Jefferson Medical College, M.D.

McFadyen, Neil M., Associate Clinical Professor, Psychiatry and Neurology. University of Glasgow, M.B.

McFarland, Dee E., Assistant Professor, Pathology. Marietta College, B.S.; Bowman Gray School of Medicine, M.D.

McFarland, Kay, Instructor, Medicine. Wakeforest College, B.S.; Bowan Gray School of Medicine, M.D.

McGahee, Robert C., Clinical Professor, Pediatrics. University of Georgia, B.S.; Medical College of Georgia, M.D.

McGarity, Seaborn S., Jr., Assistant Professor, Psychiatry. Asbury College, A.B.; Medical College of Georgia, M.D.

McInnes, George F., Assistant Professor, Surgery. Presbyterian College, B.S.; Medical College of South Carolina, M.D.

***McKenney, Joel R.,** Assistant Professor, Physiology. University of Kansas, B.S., M.S.; University of Washington, Ph.D.

***McKenzie, John W.,** Associate Professor, Anatomy. The Citadel, B.S.; University of South Carolina, M.S.; University of North Carolina, Ph.D.

McKinney, Ralph V., Associate Professor, Oral Pathology. Bowling Green University, B.S.; Ohio State University, D.D.S.; University of Rochester, Ph.D.

McKnight, Robert R., Assistant Clinical Professor, Surgery (Orthopedics). University of Georgia, B.S.; Medical College of Georgia, M.D.

McNamara, Virginia P., Assistant Professor, Obstetrics-Gynecology. Agnes Scott, A.B.; Harvard University, M.P.H.; Washington University, M.D.

***McPherson, James C., Jr.,** Associate Professor, Surgery (Thoracic) and Cell and Molecular Biology. North Texas State College, B.S.; University of Texas, M.A.; University of Texas Southwestern Medical School, M.D.

McRae, Donald R., Jr., Assistant Clinical Professor, Surgery. University of Georgia, B.S.; Medical College of Georgia, M.D.

Mealing, Henry G., Associate Clinical Professor Emeritus, Medicine. University of Georgia, B.S.; Medical College of Georgia, M.D.

Mealing, Henry G., Jr., Assistant Professor, Medicine. University of Georgia, B.S.; Medical College of Georgia, M.D.

Meeks, R. Doris, Associate Professor, Community Health Nursing. Medical College of Georgia, B.S.N.; Emory University, M.N.

Meeks, William H., Assistant Professor, Surgery (Neurosurgery). University of Georgia, B.S.; Medical College of Georgia, M.D.

Mellinger, Theodore J., Assistant Professor, Pharmacology. University of Heidelburg, M.D.

Merchant, Hubert W., Assistant Professor, Oral Medicine. University of Buffalo, School of Dentistry, D.D.S; Emory University, School of Dentistry, M.S.D.

Metts, Patricia M., Assistant Professor, Nursing. University of Miami, B.S., University of Michigan, School of Public Health, M.P.H.

Meyer, Carol F., Instructor, Pediatrics. Duke University, B.A.; Medical College of Georgia, M.D.

Miller, Carey B., Instructor, Biomedical Engineering. Clemson University, B.S.E.E.

Mills, Luther R., IV, Assistant Professor, Pathology. Mercer University, A.B.; Medical College of Georgia, M.D.

***Mills, Thomas M.,** Assistant Professor, Endocrinology. University of Iowa, B.S., M.S., Ph.D.

Mitchell, Charles H., Professor, Anesthesiology. Emory University, B.S., M.D.

Mitchell, John C., Clinical Instructor, Obstetrics-Gynecology. University of Georgia, B.S.; Medical College of Georgia, M.D.

Montgomery, B.M., Clinical Professor, Medicine. The Citadel, B.S.; Medical College of South Carolina, M.D.

Moore, Susan B., Assistant Professor, Nursing. Columbia University, B.S., M.A.; American University, B.A.; New York University, M.A.

Moore, Victor A., Jr., Professor, Medicine. Presbyterian College; University of Virginia; Medical College of Georgia, M.D.

Moores, Russell R., Professor, Medicine. University of Arkansas, B.S., M.D.

Morales, Manuel C., Assistant Clinical Professor, Ob-Gyn. University of Puerto Rico, B.S.; University of Puerto Rico, M.D.

Moretz, William H., President. Professor, Surgery. Lenoir Rhyne College, B.S.; Harvard Medical School, M.D.

Morgan, M. Elizabeth, Associate Professor, Medicine. Wesleyan College, A.B.; Medical College of Georgia, M.D.

***Morse, P. Kenneth,** Professor, Dental Education, Division of Educational Research and Development. Taylor University, A.B.; McCormick Theological Seminary, B.D.; University of Michigan, M.A., Ph.D.

***Morse, Russell W.,** Associate Professor, Physiology. Director, Neurobehavioral Sciences. Montana State College, B.S.; University of Washington, Ph.D.

Moseley, Martha H., Research Associate, Medicine. Auburn University, Ph.D.

Moss, Benjamin F., Jr., Clinical Instructor, Psychiatry. Medical College of Georgia, M.D.

***Moxley, Patricia A.,** Associate Professor and Chairman, Nursing. Louisiana State University, B.S.N.Ed.; Emory University, M.N.; Columbia University, Ed.M.

***Muldoon, Thomas G.,** Assistant Professor, Endocrinology. Queens College, B.S.; University of Louisville, Ph.D.

Mulherin, C. Stephen, Clinical Instructor, Surgery. Medical College of Georgia, M.D.

Mulherin, Joseph L., Assistant Clinical Professor, Surgery. University of Georgia, B.S.; Medical College of Georgia, M.D.

Mullins, D. Franklin, Clinical Professor, Pathology. Emory University, A.B., M.D.

Mullins, William B., Assistant Clinical Professor, Pathology. Medical College of Georgia, M.D.

Munn, Daniel M., Assistant Professor, Health Affairs Education, Division of Educational Research and Development. Assistant Professor, Medicine. Nashotah House Theological Seminary, B.D.; University of Georgia, M.Ed.

Murphy, Margaret K., Instructor, Nursing. Medical College of Georgia, B.S.N.; Emory University, M.N.

Murphy, William R., Associate Clinical Professor, Pathology. University of Chicago, Ph.B.; University of Arkansas, B.S., M.D.

Mushet, George R., Associate Professor, Neurology. Emory University, M.D.

Myers, David R., Assistant Professor, Pedodontics. West Virginia University, D.D.S.; University of Nebraska, M.S.

Myers, Erma C., Instructor, Physical Therapy. George Washington University, B.S.; Virginia Commonwealth University, B.S.

Nayyar, Arun, Instructor, Restorative Dentistry. University of Calcutta, B.D.S.; University of Iowa, M.S.

Neal, Jule C., Jr., Assistant Clinical Professor, Obstetrics-Gynecology. University of Georgia, B.S.; Medical College of Georgia, M.D.

Nelson, George H., Associate Professor, Obstetrics-Gynecology and Cell and Molecular Biology. College of Charleston, A.B.; Medical College of South Carolina, M.S., Ph.D.; West Virginia University, School of Medicine. M.D.

Nichols, Pomeroy, Jr., Associate Clinical Professor, Surgery (Neurosurgery). University of Maryland, M.D.

Nugent, Elizabeth W., Instructor, Pediatrics. Agnes Scott, B.A.; Emory University, M.D.

***O'Brien, Larry J.,** Associate Professor and (Acting) Chairman, Physiology. Associate Research Professor, Surgery. Hardin Simmons University, B.A.; North Texas State College, M.A.; University of Texas, Ph.D.

O'Bryant, Angeline B., Assistant Professor, Nursing. Tuskegee Institute, B.S.; University of Michigan, M.P.H.

Oldham, Harry M., Clinical Instructor, Obstetrics-Gynecology. Medical College of Georgia, M.D.

O'Quinn, James L., Assistant Clinical Professor, Pathology. Mercer University, A.B.; Medical College of Georgia, M.D.

***O'Rear, Harry B.,** Vice-Chancellor — Health Affairs. Professor, Pediatrics. University of Alabama, A.B.; University of Pennsylvania, M.D.

Osborne, Horace H., Associate Professor, Anesthesiology. University of Maryland Medical College, M.D.

Otken, Luther B., Jr., Associate Professor, Pathology. Baylor University, B.A., M.A.; University of Tennessee, M.D.

Outhwaite, William C., Assistant Professor, Restorative Dentistry. University of South Africa, B.A.; Loma Linda University, School of Dentistry, D.D.S.

Owings, Richard S., Assistant Professor, Pediatrics. Instructor, Surgery. University of South Carolina, B.S.; Medical College of South Carolina, M.D.

Owens, Michael R., Instructor, Medicine, University of North Carolina, M.D.; University of North Carolina, A.B.

Owens, Sally L., Research Associate, Medicine, University of North Carolina, B.S.; University of North Carolina, M.S.

Padgett, Olin, Jr., Instructor, Biomedical Engineering and Neurobehavioral Sciences. Auburn University, B.S.E.E.

Palmer, John R., Associate Professor, Community Medicine. Director, Physician's Assistant Program. Medical College of Georgia, M.D.

***Parkes, Orville A.,** Professor and Chairman, Medical Illustration. Augusta College, B.S.; Rochester Institute of Technology, Diploma in Applied Art; Johns Hopkins University, Diploma in Medical Art.

Parmley, Loren F., Clinical Professor, Medicine. University of Virginia, B.A., M.D.

Parrish, Robert A., Jr., Professor, Surgery. Mercer University, A.B.; University of Georgia, M.S.; Medical College of Georgia, M.D.

Parrish, R. Edward, Assistant Clinical Professor, Periodontics. Emory University, School of Dentistry, D.D.S., M.S.D.

Pashley, David H., Assistant Professor, Oral Biology & Physiology. University of Oregon, Dental School, D.M.D.; University of Rochester, School of Medicine and Dentistry, Ph.D.

Pennel, Billy M., Professor and Chairman, Periodontics. University of Tennessee, College of Dentistry, D.D.S.; Ohio State University, M.S.

Perkins, Henry R., Associate Clinical Professor, Surgery (Otorhinolaryngology). Medical College of Georgia, M.D.

Persall, John T., Jr., Associate Clinical Professor, Obstetrics-Gynecology. University of Georgia, B.S.; Emory University, M.D.

Peskin, Herman, Assistant Clinical Professor, Medicine. University of Georgia, B.S.; Medical College of Georgia, M.D.

Pestritto, Salvatore T., Instructor, Oral Medicine. West Virginia Dental School, D.D.S.

Peterson, Larry J., Assistant Professor, Oral Surgery. University of Kansas, B.S., University of Missouri at Kansas City, Dental School, D.D.S.; Georgetown University, M.S.

Phinizy, John, Associate Clinical Professor, Medicine. University of the South, B.S.; Medical College of Georgia, M.D.

Phrydas, P. Arthur, Instructor, Pedodontics. Emory University, B.A.; Emory University, School of Dentistry, D.D.S.

Pinson, Harry D., Assistant Clinical Professor, Surgery. University of Georgia, B.S.; Medical College of Georgia, M.D.

Poda, George A., Assistant Clinical Professor, Community Medicine. Mount Union College; University of Buffalo, M.D.

Pogue, Richard E., Associate Professor, Community Medicine. University of Minnesota, B.A., M.S., Ph.D.

Pool, Winford H., Jr., Professor, Radiology. Chief, Diagnostic Radiology. Mercer University, B.S.; Medical College of Georgia, M.D.

Poston, John D., Assistant Professor, Psychiatry (Social Case Work). Wake Forest College, B.A.; Tulane University, M.S.W.

Powell, Barbara A., Clinical Instructor, Obstetrics-Gynecology. Medical College of Georgia, M.D.

Powell, James N., Assistant Professor, Periodontics. University of Tennessee, College of Dentistry, D.D.S.; University of Nebraska, M.S.

Powell, Mildred F., Assistant Professor, Nursing. Emory University, B.S.N.; University of North Carolina, M.S.

Prendergast, Nancy D., Associate Professor and Chairman, Occupational Therapy. Ohio State University, B.Sc.; Temple University, M.Ed.

Pryor, Carol G., Clinical Instructor, Obstetrics-Gynecology. Georgia State College for Women, B.A.; Medical College of Georgia, M.D.

Puchtler, Holde, Professor, Pathology. Realgymnasium, Nurnberg, Abitur, University of Koln, M.D.

Pursley, Norman B., Assistant Clinical Professor, Pediatrics. Medical College of Georgia, M.D.

Puryear, Gordon H., Assistant Professor, Surgery (Thoracic). Johns Hopkins University, B.A., M.D.

Quarles, James D., Assistant Clinical Professor, Orthodontics. Emory University, School of Dentistry, D.D.S.; University of Montreal, M.S.

Quillian, Willard E., III, Assistant Professor, Psychiatry. Emory University, B.S.; Medical College of Georgia, M.D.

Rahn, Arthur O., Professor and Chairman, Prosthodontics. Marquette University, School of Dentistry, D.D.S.

Rainsford, Sadie H., Librarian. Columbia College, A.B.; Emory University Library School, A.B. in L.S.

Reeves, Nathan, Assistant Clinical Professor, Medicine. Edinburgh, M.D.

***Reichard, Sherwood M.,** Professor, Radiology. Associate Professor, Physiology. Lafayette College, B.A.; New York University, M.S., Ph.D.

Remington, John W., Professor, Physiology. College of Charleston, B.S.; New York University, M.S., Ph.D.

Reynolds, Robert Ed., Associate Dean, Associate Professor, Director, Community Medicine, Medical Social Sciences. Yale University, B.A.; Harvard Medical School, M.D.; Johns Hopkins School of Hygiene and Public Health, Dr. PH.

Rhode, C. Martin, Associate Professor, Surgery. Johns Hopkins University, A.B.; University of Maryland, M.D.

Rice, Bruce H., Professor and Chairman, Oral Medicine. University of Southern California, D.D.S.; Ohio State University, M.S.; University of Arizona, Ph.D.

Riley, Merle W., Associate Professor, Duquesne University, B.S.; University of Cincinnati, Ph.D.

Rinker, Geraldine, Instructor, Medical Technology. University of Kentucky, B.S.; Medical College of Georgia, M.S.

Robertson, Alex F., Professor and Chairman, Pediatrics. University of Virginia, B.A., M.D.; University of Michigan, M.A.

Robinson, William P., Associate Clinical Professor, Psychiatry. Mercer University, A.B.; Medical College of Georgia, M.D.

***Roesel, Catherine E.,** Associate Professor, Cell and Molecular Biology. Vanderbilt University, B.A.; Washington University, Ph.D.

Rogers, Kimball B., Clinical Instructor, Dental Hygiene. Medical College of Georgia, B.S.

Rosengart, Carl L., Associate Professor, Neurology. Clark University, A.B.; State University of New York, M.D.

***Ross, Norton M.,** Associate Professor, Oral Biology, Oral Medicine, and Pharmacology. University of Connecticut, B.S.; University of Maryland, School of Dentistry, D.D.S.; Loyola College, M.A.

Roule, J. Victor, Jr., Clinical Professor, Surgery (Ophthalmology). Medical College of Georgia, M.D.

Rucker, Julius T., Jr., Clinical Instructor, Anesthesiology. Augusta College; Emory University, M.D.

Rufo, Raymond T., Assistant Professor, Restorative Dentistry. University of Georgia, B.S.; Emory University, School of Dentistry, D.D.S.

Russell, Rufus R., Research Associate, Surgery. College of the Ozarks.

Rumen, Nevenka M., Assistant Professor, Cell and Molecular Biology and Dermatology. University of Zagreb, D.Eng.

Sabatelle, Peter, Professor, Surgery (Orthopedics). State University of New York, M.D.

Sahba, Mehrdad M., Assistant Professor, Medicine. Isfahan Medical Faculty, M.D.

Sanders, Beverly B., Clinical Instructor, Dermatology. Mercer University, B.S.; Medical College of Georgia, M.D.

Sanders, William C., Clinical Instructor, Pediatrics. University of Georgia, B.S.; Medical College of Georgia, M.D.

Saunders, Elwyn A., Associate Professor, Surgery (Orthopedics). The Citadel, B.S.; Medical College of South Carolina, M.S., M.D.

Scharff, Louis, III, Clinical Instructor, Pediatrics. University of Georgia; Medical College of Georgia, M.D.

Schuster, George, Assistant Professor, Oral Biology and Cell and Molecular Biology. Washington University, B.A.; Northwestern University, M.S., D.D.S.; University of Rochester, Ph.D.

Scoggin, William A., Professor and Chairman, Obstetrics-Gynecology. University of Virginia, B.A.; M.D.

Scoggins, Henry D., Assistant Clinical Professor, Obstetrics-Gynecology. University of Georgia, B.S.; Medical College of Georgia, M.D.

***Scott, David F.,** Assistant Professor, Cell and Molecular Biology. Northeastern University, B.A.; Indiana University, Ph.D.

Seegar, Charlon, Instructor, Obstetrics-Gynecology. LaGrange, B.A.; University of North Carolina, M.S.W.

Sell, Mercer B., Associate Professor, Psychiatry. Medical College of Georgia, M.D.

***Sharawy, Mohamed,** Assistant Professor, Oral Biology and Anatomy. Cairo University School of Science, P.N.S., Cairo University, School of Dentistry, B.D.S.; University of Rochester, School of Medicine and Dentistry, Ph.D.

Shepherd, Mason H., Assistant Clinical Professor, Surgery. University of Georgia, B.S.; Medical College of Georgia, M.D.

Shepherd, Walter L., Professor Emeritus, University of Arkansas, M.D.

Sher, Jack Edward, Assistant Clinical Professor, Psychiatry. Middlesex University, School of Medicine, M.D.

Sherman, Harry C., Clinical Instructor, Surgery. Washington Lee University, A.B.; Medical College of Georgia, M.D.

Shirley, William C., Clinical Instructor, Obstetrics-Gynecology. Mercer University, A.B.; Medical College of Georgia, M.D.

Shiver, Charles B., Jr., Associate Clinical Professor, Medicine. Mercer University, A.B.; Medical College of Georgia, M.D.

***Singal, Sam A.,** Professor, Cell and Molecular Biology. University of Toledo, B.S.; University of Michigan, M.S., Ph.D.

Singh, Baldev, Associate Professor, Oral Pathology. University of Bombay, Sir C.E.M. Dental College, B.D.S.; University of Rochester, M.S., Ph.D.

Singletary, Elizabeth A., Assistant Professor, Community Medicine and Medicine. University of South Carolina, B.S.; Medical College of Georgia, M.D.

Sirmans, Juanita, Assistant Professor and Chairman, Medical Record Science. Valdosta State College, A.B.

Sisson, Boyd D., Professor, Psychiatry. College of William and Mary, B.S.; University of Nebraska, Ph.D.

Smalley, Harold E., Regents Professor. Director, Division of Health Systems Engineering. University of Alabama, B.S.I.E.; Purdue University, M.S.I.E.; University of Pittsburgh, Ph.D.

Smith, Allyn A., Assistant Professor, Restorative Dentistry. Hanover College, B.A.; Northwestern University, Dental School, D.D.S.

Smith, C. Conrad, Associate Clinical Professor, Dermatology. University of Georgia, B.S.; New York University, M.S.; Medical College of Georgia, M.D.

Smith, David L., Clinical Instructor, Pediatrics. Emory University, M.D.

Smith, Edward H., Jr., Assistant Professor, Dermatology. Duke University, A.B., M.D.

Smith, Harold G., Assistant Professor, Physical Therapy. St. Louis University, B.S., M.Ed.

Smith, J. Graham, Jr., Professor and Chairman, Dermatology. Professor, Medicine. Duke University, B.S., M.D.

***Smith, Linda L.,** Assistant Professor, Cell and Molecular Biology and Medicine. University of South Carolina, B.S., M.S., Ph.D.

Smith, W. T., Assistant Clinical Professor, Psychiatry. University of Georgia, B.S.; Medical College of Georgia, M.D.

Sobel, Robert E., Assistant Professor, Cell and Molecular Biology, Columbia College, A.B.; George Washington University, M.S.; George Washington University, Ph. D.

Spearin, Willard E., Assistant Professor, Restorative Dentistry. Portland State College, B.S.; University of Oregon, Dental School, D.M.D.

Speir, William A., Jr., Assistant Professor, Medicine, University of Georgia, B.S.; Medical College of Georgia, M.D.

Spooner, George, III, Assistant Professor, Medicine. University of Florida, B.S., M.D.

Stoddard, Leland D., Professor and Chairman, Pathology. DePauw University, A.B.; Johns Hopkins University, M.D.

*Stoney, S. David, Jr., Assistant Professor, Physiology. University of South Carolina, B.S.; Tulane University, Ph.D.

Story, Frank C., Jr., Clinical Instructor, Obstetrics-Gynecology. University of Alabama; University of Georgia; Medical College of Georgia, M.D.

Strong, William B., Assistant Professor, Pediatrics. Assistant Professor, Medical Education, Division of Educational Research and Development. Holy Cross College, B.S.; Hahnemann Medical College, M.D.

Sullivan, Daniel B., Assistant Clinical Professor, Surgery. Medical College of Georgia, M.D.

Sussman, Hy C., Assistant Professor, Medicine. Medical College of Georgia, M.D.

Sutherland, James H.R., Professor, Pharmacology. Director, Division of Health Communications. University of California, A.B., Ph.D.

Taber, Joseph W., Associate Professor, Neurology. Medical University of South Carolina, M.D.

Talledo, O. Eduardo, Professor, Obstetrics-Gynecology. San Marcos University, Peru, B.S.; Faculty of Medicine, Peru, M.D.

Tanenbaum, Julian B., Clinical Instructor, Pediatrics. Emory University, B.A.; Medical College of Georgia, M.D.

Teabeaut, J. Robert, II, Professor, Pathology. Duke University, M.D.

Teeslink, Rex C., Assistant Professor, Radiology. Tulane University Medical School, M.D.

Thevaos, Theodore G., Associate Professor, Pediatrics. Medical College of Georgia, M.D.

Thigpen, Corbett H., Clinical Professor, Psychiatry. Mercer University, A.B.; Medical College of Georgia, M.D.

Thomas, Luther M., Jr., Assistant Professor, Community Medicine and Medicine. Medical College of Georgia, M.D.

Thomas, Robert P., Professor, Surgery. Chief, Ophthalmology. University of North Carolina, A.B., M.D.

Thomason, Cephas V., III, Instructor, Pedodontics. The Citadel, B.S.; Medical College of Virginia, School of Dentistry, D.D.S.

Threefoot, Sam A., Professor, Medicine, Assistant Dean, Veterans Affairs (Medicine). Tulane University, B.S., M.D.

Thurmond, George W., Clinical Instructor, Surgery (Otolaryngology). Tulane University, M.D.

Thurmond, J. William, Clinical Professor, Obstetrics-Gynecology. Medical College of Georgia, M.D.

Todd, Donald R., Assistant Clinical Professor, Surgery. University of Mississippi, B.S., M.D.

Topazian, Richard G., Professor and Chairman, Oral Surgery. Professor, Surgery. Houghton College, B.A.; McGill University, D.D.S.

Torpin, Richard, Professor Emeritus, Obstetrics-Gynecology. Wesleyan College; Rush Medical College, M.D.

Trooboff, Rebecca C., Associate Professor, Nursing. Syracuse University, B.S.; University of Buffalo, M.Ed.

Troyer, Henry, Instructor Anatomy, Research Instructor, Medicine Goshen College, B.A.; West Virginia University, Ph.D.

Trueblood, Jon H., Instructor, Radiologic Technology, Wheaton College, B.S.

Tucker, Paul C., Instructor, Medicine, Mercer University, A.B.; Medical College of Georgia, M.D.

Tyler, Jean M., Assistant Research Professor, Medicine, London University, D. Sc., Ph.D.

Urbanek, Vincent E., Professor, Prosthodontics. Northwestern University, B.S., M.A.; University of Illinois, College of Dentistry, D.D.S.

Van Giesen, George E., Jr., Associate Clinical Professor, Medicine. Emory University, A.B.; Medical College of Georgia, M.D.

Vaughn, Billy L., Associate Professor, Surgery. University of Alabama, B.S.; Medical College of Alabama, M.D.

Victor, Jules, Jr., Clinical Instructor, Medicine. Medical College of Georgia, M.D.

Volpitto, Perry P., Professor and Chairman, Anesthesiology. Washington and Jefferson, B.S.; Western Reserve University, M.D.

Voth, Eugene D., Associate Professor and Chairman, Orthodontics. Loma Linda University, M.S., D.D.S.; Indiana University, M.S.D.

Waldrop, Faye M., Research Associate, Pathology.

Walters, Gordon E., Assistant Professor, Medicine. University of Georgia, B.S.; Medical College of Georgia, M.D.

Ward, Daniel F., Assistant Professor, Psychiatry. Medical College of Georgia, M.D.

Wasserwald, Gerald I., Assistant Professor, Obstetrics-Gynecology. Tulane University, B.S., M.D.

Waters, Aubrey J., Associate Clinical Professor, Antheseiology. University of Georgia, B.S., M.S.; University of Wisconsin, Ph.D.; Medical College of Georgia, M.D.

Watson, W. Gamewell, Clinical Professor, Obstetrics-Gynecology. The Citadel, B.S.; Medical College of Georgia, M.D.

***Weatherred, Jackie G.,** Associate Professor, Oral Biology and Physiology. Coordinator, Physiology (Dentistry). University of Texas, Dental Branch, D.D.S., Ph.D.

Webster, Paul D., III, Professor, Medicine. Chief, Gastroenterology. University of Richmond, B.S.; Bowman Gray School of Medicine, M.D.

Wege, William R., Associate Professor, Oral Medicine and Radiology. Director, Continuing Education (Dentistry). Marquette University, School of Dentistry, D.D.S.; University of Alabama, M.S.

Wehr, Richard F., Research Associate,Dermatology. University of Miami, B.S.

Weisman, Manuel I., Assistant Professor, Pedodontics. Northwestern University, Dental School, D.D.S.

Weiss, Dennis, Assistant Professor, Psychiatry. George Washington University, M.D.

***Wellband, Wilbur A.,** Associate Professor, Anatomy. Assistant Professor, Neurology. George Williams College, B.S., M.S.; Loyola University, Ph.D.

Welter, Dave A., Instructor, Anatomy. University of Georgia, B.S.; Medical College of Georgia, M.S., Ph.D.

Wheeler, Ernest J., Assistant Professor, Anatomy, Easton New Mexico University, B.S.; Baylor College of Medicine, M.D.; Baylor College of Medicine, Ph.D.

Wheeler, Morgan L., Research Associate, Surgery.

Whelchel, Merritt C., Assistant Clinical Professor, Surgery (Ophthalmology). University of Georgia, B.S.; Bowman Gray School of Medicine, M.D.

White, Albert P., Jr., Assistant Professor, Pedodontics. Emory University, B.A.; Emory University, School of Dentistry, D.D.S.

White, Cecil A., Jr., Clinical Instructor, Surgery. Emory University, A.B.; Medical College of Georgia, M.D.

***White, Dorothy T.,** Dean and Professor, School of Nursing. Teachers College, Columbia University, B.S., M.A., Ed.D.

Whitehead, Robert T., Jr., Assistant Professor, Anesthesiology. University of South Carolina, B.S.; Medical University of South Carolina, M.D.

Wiedmeier, Vernon T., Assistant Professor, Medicine. North Dakota State Teachers College, B.S.; North Dakota State University, M.S.; Marquette University, Ph.D.

Wiggins, Stewart L., Sr., Associate Professor, Psychiatry. University of Georgia, B.S., Ph.D.

Wilds, Preston L., Professor, Obstetrics-Gynecology. Yale University, B.S.; University of Pennsylvania, M.D.

Wilkes, William A., Associate Clinical Professor, Pediatrics. Medical College of Georgia, M.D.

Williams, David C., Jr., Assistant Professor, Surgery (Urology). University of Georgia, B.A.; Medical College of Georgia, M.D.

Williams, George P., Clinical Instructor, Obstetrics-Gynecology. University of Georgia, B.S.; Medical College of Georgia, M.D.

Williams, Gladys L., Assistant Professor, Psychiatry. Judson College, B.A.; Louisiana State University, M.S., M.S.W.; Tulane University, M.P.H.

Williams, Henry A., Assistant Professor, Restorative Dentistry. LaSierra College, B.A.; Loma Linda University, School of Dentistry, D.D.S.

Williams, Jack B., Clinical Instructor, Anesthesiology. University of South Carolina, B.S.; State University of Iowa, M.S.; Medical College of South Carolina, M.D.

Williams, James E., Associate Professor and Chairman, Community Dentistry. University of Tennessee, B.S.; University of Tennessee, College of Dentistry, D.D.S.; University of North Carolina, M.P.H., Dr. P.H.

Williams, John L., Assistant Clinical Professor, Surgery (Neurosurgery). University of Georgia, B.S.; Medical College of Georgia, M.D.

***Williams, W. Loren,** Professor, Psychology. Director, Division of Educational Research and Development. University of South Carolina, B.S., M.A.; University of Tennessee, Ph.D.

Wilson, Jerry B., Research Associate, Cell & Molecular Biology.

Wilson, Louis A., Associate Professor, Surgery (Ophthalmology). Pennsylvania State University, B.A.; University of Maryland, M.S.; Jefferson Medical College, M.D.

Winningham, A. Ruth, Assistant Professor, Medical Technology. Auburn University, B.S.; Medical College of Georgia, M.S.

Witham, A. Calhoun, Professor, Medicine. Chief, Cardiology. Emory University, A.B.; Johns Hopkins University, M.D.

Witherington, Roy W., Associate Professor, Surgery (Urology). University of Georgia; Medical College of Georgia, M.D.

Wray, Betty B., Assistant Professor, Pediatrics. Mercer University, B.A.; Medical College of Georgia, M.D.

Wray, Charles H., Associate Professor, Surgery, Mercer University, A.B.; Medical College of Georgia, M.D.

Wright, Camille N., Instructor, Dental Hygiene, Medical College of Georgia, B.S.

Wright, Claude-Starr, Professor, Medicine. Chief, Hematology. University of South Carolina, B.S.; Medical College of South Carolina, M.D.

Wrightstone, Ruth, Instructor, Medical Technology. Dickinson College, B.S.; Medical College of Georgia, M.S.

Wycoff, Harland D., Professor, Cell and Molecular Biology. University of Wisconsin, B.S., M.S., Ph.D.

Wynn, Plummer H., Jr., Assistant Professor, Oral Medicine. University of Tennessee, College of Dentistry, D.D.S.

Yagmai, Farivar, Assistant Professor, Pathology. Tehran University, M.D.

Zachert, Virginia, Research Professor, Obstetrics-Gynecology. Valdosta State College, A.B.; Emory University, M.A.; Purdue University, Ph.D.

Zwemer, Thomas J., Associate Dean, Clinical Sciences (Dentistry). Professor, Orthodontics. University of Illinois, D.D.S.; Northwestern University, M.S.D.

Allied Health Sciences

Raymond C. Bard, Acting Dean

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Oral Medicine

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Oral Pathology

Steve Kolas (chairman), Ralph V. MCKinney, Balder Singh.

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Pedodontics

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Benjamin A. Blackburn, II, David L. Dross, Guy E. Fiebiger, Judson C. Hickey, Charles D. Joyner, Jr., Gerald H. Loft, Donald O. Lundquist, Arthur O. Rahn (chairman), Vincent E. Urbanek.

Restorative Dentistry

David E. Beaudreau, Donald L. Beglau, Edmund Cavazos, Jr., Richard H. Fender, David W. Heid, Thomas A. Hennessey, Robert L. Kinzer, (chairman), Arun Nayyar, William C. Outhwaite, Raymond T. Rufo, Allyn A. Smith, Willard E. Spearin, Henry A. Williams.

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Raymond C. Bard, Acting Dean
M. Eugenia Lee, Associate Dean

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School of Medicine

Curtis H. Carter, Acting Dean
Robert Liebelt, Associate Dean
Robert E. Reynolds, Associate Dean
Robert G. Crounse, Associate Dean
Sam A. Threefoot, Assistant Dean, Veterans Affairs.

Anatomy

Lane H. Allen, George R. Bernard, Lester L. Bowles, Isaac K. Hawkins, Thomas F. McDonald (acting chairman), John W. McKenzie, William R. Seliger, Mohamed Sharawy, Wilbur A. Wellband, Dave A. Welter, Jack A. Horner, Henry Troyer, Ernest J. Wheeler.

Anesthesiology

Charles R. Bittle, Margaret B. DeVore, Joseph F. Johnston, Zachariah W. Gramling, Charles H. Mitchell, Horace H. Osborne, Julius T. Rucker, Jr., Perry P. Volpitto (chairman), Aubrey J. Waters, Robert T. Whitehead, Jack B. Williams.

Cell & Molecular Biology

Ata A. Abdel-Latif, Raymond C. Bard, Gary K. Best, Owen Black, Michael H. Blunt, Edward Bresnick (chairman), George H. Brownell, Sergio E. Bustos-Valdes, Margaret E. Coryell, Robert G. Crounse, Kenneth R. Cutroneo, J. Fred Denton, Jr., Thomas R. Dirksen, W. Knowlton Hall, William S. Harms, Eugene F. Howard, John C. Howard, Titus H. J. Huisman, David F. Lapp, Stanley S. Lefkowitz, Frederick H. Leibach, James C. McPherson, George H. Nelson, Catherine E. Roesel, Nevenka M. Rumen, George S. Schuster, David F. Scott, Sam A. Singal, Linda L. Smith, Robert E. Sobel, Jerry Wilson, Harland D. Wycoff, George W. Burnett, Frederick A. Garver, Seymour Gelfant, John V. Israel, Annabelle G. Liebelt, Robert A. Liebelt, Perry S. Riley.

Community Medicine

Frank P. Anderson, Jr., Allen N. Brown, James J. Croley, John J. Dallman, Glen E. Garrison, Warren H. Gullen, Curtis G. Hames, John R. Palmer, George A. Poda, Richard E. Pogue, Robert E. Reynolds, Elizabeth A. Singletary, Luther M. Thomas, Jr., Daniel H. G. Glover.

Dermatology

Donald C. Abele, Robert G. Crounse, James R. Esther, Thomas F. Goodman, Nevenka M. Rumen, Beverly B. Sanders, C. Conrad Smith, Edward H. Smith, Jr., J. Graham Smith, Jr., Richard F. Wehr, Seymour Gelfant, William Irwin, Robert M. Kelleher.

Endocrinology

J. Rogers Byrd, Sarah L. Clark, Allen Costoff, James O. Ellegood, Robert B. Greenblatt, Edwin C. Jungck, Fredrick H. Leibach, Virendra B. Mahesh, Thomas M. Mills, Thomas G. Muldoon.

Educational Research and Development

W. Loren Williams, Robert G. Crownse, Carl O. David, Maurice Levy, P. Kenneth Morse, Daniel M. Munn, William B. Strong, W. Loren Williams.

Medical Social Sciences

John R. Palmer, Robert E.Reynolds.

Medicine

Donald C. Abele, James L. Achord, William N. Agostas, Henry M. Althisar, Sergio Alvarez-Mena, Sankoran K. Asokan, Joseph P. Bailey, Louis L. Battey, C. Walker Beeson, Robert L. Bennett, Jr., Theodore B. Bernot, Owen Black, Pierce G. Blitch, A. Jay Bollet (chairman), Robert S. Botnick, Edwin D. Bransome, Jr., Simone Brocato, Walter J. Brown, Jr., J. Miller Byne, C. Daniel Cabaniss, Albert A. Carr, Curtis H. Carter, Mary J. Carter, William H. Chew, Jr., Sarah L. Clark, Thomas L. Clary, Daniel B. Collin, Elizabeth H. Cook, Paul E. Cundey, Jr., Gautam Dasgupta, Allen Dennis, Jr., Thomas G. Douglass, Dickson B. Dunlap, Lois T. Ellison, Charles H. Emerson, Goodloe Y. Erwin, Guy B. Faguet, Nancy C. Flowers, Martin J. Frank, Richard C. Fraser, Glenn E. Garrison, Jack M. Ginsberg, John A. Goldman, Donald E. Gray, J. Dewey Gray, L. Quimby Hair, Curtis G. Hames, John R. Handy, Harry T. Harper, Jr., Charles W. Hock, Leo G. Horan, James B. Hudson, Thomas A. Huff, Jennifer C. Johnson, Robert B. Johnson, Horace A. W. Killam, Zachary M. Kilpatrick, Coleman T. King, Geoffrey E. King, Gilbert L. Klemann, Arthur M. Knight, John G. Kurnick, Terrence T. Kuske, Allen Lebrecque, Jasper P. Lewis, Robert Liebelt, Youg K. Liu, Frances Livingston, Charles L. Lutcher, John G. Lyon, Stanford Malinon, John M. Martin, George R. Mayfield, Kay F. McFarland, Henry G. Mealing, Jr., Carey B. Miller, B. M. Montgomery, Victor A. Moore, Jr., Russell R. Moores, M. Elizabeth Morgan, Daniel M. Munn, Michael R. Owens, Olin W. Padgett, Loren F. Parmely, Herman Peskin, John Phinizy, Nathan Reeves, Robert E. Reynolds, Mehrdad M. Sahba, Charles B. Shiver, Jr., Elizabeth A. Singletary, J. Graham Smith, Jr., Linda L. Smith, William A. Speir, George R. Spooner, Hy C. Sussman, Luther M. Thomas, Sam A. Threefoot, Paul C. Tucker, Jean M. Tyler, George E. Van Giesen, Jules Victor, Jr., James J. Waller, Gordon E. Walters, Edward B. Waxler, Paul D. Webster, III, Stanley Winokur, A. Calhoun Witham, Claude-Starr Wright, Julia F. Agee, Gundabhahtha Chikkappa, David E. Dalrymple, Leslie S. Feinsmith, Norman B. Frankel, John E. Kurnick, Frank A. Lizzi, Gordon C. Miller, Martha H. Moseley, Henry Groyer.

Neurobehavioral Sciences

John J. Dallman, Russell W. Morse, David S. Stoney, Olin W. Padgett.

Neurology

Abbott, Don C., M.D., Assistant Professor (See HOSP. & CLINICS); Bishop, Georgianne, M.A., Instructor; Collings, Harold Jr., M.D., Professor; Collins, Joyce S., B.S.O.T., Instructor; Edwards, Ernest C., M.S., Instructor; Green, Joseph B., M.D., Professor & Chairman; Herskowitz, Allan, M.D., Assistant Professor; Mushet, George R., M.D., Associate Professor; Rosengart, Carl L., M.D., Associate Professor; Taber, Joseph W., M.D., Associate Professor; Wellband, Wilbur A., Ph.D., Assistant Professor (See Anatony).

Obstetrics & Gynecology

William E. Barfield, Benedict B. Benigno, William S. Boyd, Edwin S. Bronstein, William L. Burns, Jr., C. Iverson Bryans, Jr., Clyde A. Burgamy, Blanche D. Coleman, Joseph M. Echols, Alva H. Faulkner, Hugh H. Gibson, Ira Goldberg, Jane M. Greene, Frank N. Harrison, Gordon W. Jackson, Paul G. McDonough, Virginia P. McNamara, John C. Mitchell, Jule C. Neal, Jr., George H. Nelson, Harry M. Oldham, John T. Persall, Jr., Barbara A. Powell, Carol G. Pryor, William A. Scoggin (chairman), Henry D. Scoggins, Charlon I. Seegar, William Shirley, Frank C. Story, Jr., O. Eduardo Talledo, J. William Thurmond, Gerald I. Wasserwald, W. Gamewell Watson, Preston Lea Wilds, George P. Williams, Virginia Zachert, Robert H. Gaither, Manuel C. Morales.

Ophthalmology

Tzu Sung Chiang, Robert P. Thomas (acting chairman), Louis A. Wilson, Bartley E. Antine, Howard L. Bruckner, Fleetwood Maddox, J. Victor Roule, Jr., Richard Sculze, Merritt C. Whelchel.

Pathology

Yasuyuki Akamatsu, Betty P. Barton, Mark D. Bringhurst, A. Bleakley Chandler, Armand B. Glassman, Robert A. Hand, E. Val Hastings, Milford L. Hobbs, Menard Ihnen, Fares John-Sanchez, John H. Maylock, Dee E. McFarland, Luther R. Mills, IV, D. Franklin Mullins, William B. Mullins, William R. Murphy, James L. O'Quinn, Luther B. Otken, Holde Puchtler, Leland D. Stoddard (chairman), J. Robert Teabeaut, Faye Waldrop, Farivar Yagmai.

Pediatrics

Frank P. Anderson, Ezzat M. Aziz, Thomas E. Bailey, James W. Bennett, John L. Bowen, Audrey K. Brown, Mary Jo Carter, James D. Clements, Donald Dunagan, Lacy D. Dunaway, Preston D. Ellington, Donna M. Fair, A. Joseph Green, Dorothy A. Hahn, Thomas A. Hanson, Herbert S. Harper, Eugene C. Jarrett, II, Paul Larson, Charles W. Linder, Leonard R. Massengale, Robert C. McGahee, Harry B. O'Rear, Richard S. Owings, Norman B. Pursley, Alex Robertson (chairman), William C. Sanders, Louis Scharff, III, David L. Smith, William B. Strong, Julian B. Tanenbaum, Theodore G. Thevaos, William A. Wilkes, Betty B. Wray, Mendy Behdad, Larry L. Coble, Matthew T. Howard, Warren B. Karp, James W. McCarthy, Harold F. Meyer, Elizabeth A. Nugent, Dorothy Thompkins, Richard E. Thompson.

Pharmacology

Raymond P. Ahlquist (chairman), Tzu Sung Chiang, Marion de V. Cotten, Jr., Bill W. Fry, Louis P. Gangarosa, William F. Geber, Jr., David C. Jerram, Armand M. Karow, Jr., J. Malcolm Kling, Mary Ella Logan, James L. Matheny, Theodore J. Mellinger, Merle W. Riley, Norton M. Ross, James H. R. Sutherland.

Physiology

Philip Dow, Lois T. Ellison, Jack M. Ginsburg, Wendell F. Hofman, Maysie J. Hughes, William J. Jackson, Joel R. McKenney, Russell W. Morse, Larry Joe O'Brien (acting chairman), David H. Pashley, Sherwood M. Reichard, John W. Remington, S. David Stoney, Jr., Jackie G. Weatherred, Vernon T. Wiedmeier.

Psychiatry

Gerald W. Burroughs, James H. Butler, R. Gerald Chambers, Hervey M. Cleckley, James G. Craig, John R. Curtis, George M. Gazda, Cecil C. Hudson, Julius T. Johnson, Kenneth D. Jones, Everett C. Kuglar, George H. Longley, Louie W. Marshall, E. James McCranie (chairman psychiatry), Martha L. McCranie, James K. McDonald, Neil M. McFadyen, Seaborn S. McGarity, Jr., Benjamin F. Moss, Jr., John D. Poston, Willard E. Quillian, III, William P. Robinson, Mercer B. Sell, Jackie Sher, Boud D. Sisson, W. T. Smith, Corbett H. Thigpen, Stewart L. Wiggins, Gladys L. Williams, David B. Bergman, Mickey M. Crouch, John L. Hughes, Gary A. Levinson, Charles G. Mahakian, Edward W. McCranie, Dennis Weiss.

Radiology

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ERRATUM

As this Catalog went to press, an administrative decision was made to shift the graduate degree program in Nursing from the School of Graduate Studies to the School of Nursing. Accordingly, the information pertaining to the Master of Science in Nursing Degree, listed in this Catalog in the section devoted to the School of Graduate Studies should more properly be listed in the section devoted to the School of Nursing. Press requirements for on-time delivery of the Catalog, however, prohibited this change being made.

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